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*Girard College*











2100  
TWENTY-NINTH ANNUAL REPORT

OF THE

BOARD OF DIRECTORS

OF

CITY TRUSTS

OF THE

CITY OF PHILADELPHIA

*FOR THE YEAR 1898.*

PHILADELPHIA:

PRINTED BY J. B. LIPPINCOTT COMPANY.

1899.





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BOARD OF DIRECTORS  
OF  
CITY TRUSTS  
1899.

---

LOUIS WAGNER, *President*,  
Broad and Market Streets (Third Nat'l Bank).

JOSEPH L. CAVEN, *Vice-President*,  
523 Chestnut Street

ALEXANDER BIDDLE,  
1307 Walnut Street.

EDWARD S. BUCKLEY,  
505 Chestnut Street.

JOHN M. CAMPBELL,  
215 South Sixth Street.

BENJAMIN B. COMEGYS,  
421 Chestnut Street (Philad'a Nat'l Bank).

JOHN H. CONVERSE,  
500 North Broad Street.

JOHN K. CUMING,  
Broad and Columbia Ave. (Tenth Nat'l Bank).

WILLIAM L. ELKINS,  
S. W. cor. Broad and Chestnut Streets.

JOHN H. MICHENER,  
307 Chestnut Street (Bank of North America).

DALLAS SANDERS,  
S. W. cor. Broad and Chestnut Streets.

EDWIN S. STUART,  
9 South Ninth Street.

**MEMBERS OF THE BOARD, "EX OFFICIO."**

CHARLES F. WARWICK, *Mayor*, City Hall.

JAMES L. MILES, *Pres't Select Council*, 133 South Twelfth Street.

WENCEL HARTMAN, *Pres't Common Council*, 125 South Seventh Street.

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FRANK M. HIGHLEY, *Secretary*, Stephen Girard Building.

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OFFICE.—Stephen Girard Building, 21 S. Twelfth St., Philadelphia.

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STATED MEETINGS, ON THE SECOND WEDNESDAY OF EACH MONTH, AT 3.30 P.M.



# COMMITTEES.

---

## Household and Infirmary of Girard College.

JOHN H. CONVERSE, *Chairman*.  
BENJAMIN B. COMEGYS, DALLAS SANDERS,  
JOSEPH L. CAVEN, JOHN M. CAMPBELL,  
EDWARD S. BUCKLEY, EDWIN S. STUART,  
JOHN K. CUMING, PRES. SELECT COUNCIL.

## Instruction and Library of Girard College.

ALEXANDER BIDDLE, *Chairman*.  
JOHN H. MICHENER, JOHN K. CUMING,  
BENJAMIN B. COMEGYS, DALLAS SANDERS,  
WILLIAM L. ELKINS, JOHN M. CAMPBELL,  
JOHN H. CONVERSE, THE MAYOR.

## Admission, Discipline, and Discharge. Girard College.

BENJAMIN B. COMEGYS, *Chairman*.  
JOHN H. MICHENER, EDWARD S. BUCKLEY,  
JOSEPH L. CAVEN, DALLAS SANDERS,  
ALEXANDER BIDDLE, PRES. COMMON COUNCIL.

## Girard Estate within the City.

JOSEPH L. CAVEN, *Chairman*.  
BENJAMIN B. COMEGYS, JOHN K. CUMING,  
WILLIAM L. ELKINS, JOHN M. CAMPBELL,  
EDWARD S. BUCKLEY, PRES. SELECT COUNCIL.

## Girard Estate without the City.

JOHN K. CUMING, *Chairman*.  
JOHN H. MICHENER, DALLAS SANDERS,  
ALEXANDER BIDDLE, EDWIN S. STUART,  
JOHN H. CONVERSE, PRES. COMMON COUNCIL.

## Wills Hospital and Minor Trusts.

EDWARD S. BUCKLEY, *Chairman*.  
WILLIAM L. ELKINS, JOHN K. CUMING,  
ALEXANDER BIDDLE, EDWIN S. STUART,  
JOHN H. CONVERSE, PRES. COMMON COUNCIL.

## Finance.

WILLIAM L. ELKINS, *Chairman*.  
JOHN H. MICHENER, JOHN M. CAMPBELL,  
JOSEPH L. CAVEN, EDWIN S. STUART,  
JOHN H. CONVERSE, THE MAYOR.

## Executive Committee.

PRESIDENT OF THE BOARD AND CHAIRMEN OF THE STANDING COMMITTEES.

*The President of the Board is Ex Officio a Member of all Committees.*

# STATED MEETINGS.

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## At Girard College,

On Friday preceding second Wednesday :  
Instruction and Library at 3 P.M.  
Admission, Discipline, and Discharge  
at 3.30 P.M.  
Household and Infirmary at 4 P.M.  
Girard Estate without the City, 4.30 P.M.

## At No. 21 South Twelfth Street : Girard Estate within the City.

Friday preceding second Wednesday at  
9.15 A.M.

## Finance.

Tuesday preceding second Wednesday at  
to A.M.

## Wills Hospital and Minor Trusts.

Monday preceding second Wednesday  
at 3.30 P.M., at Wills Hospital.

## Executive.

At the call of the Chairman.

## Directors of Girard Water Co.

Friday preceding second Wednesday  
at 4.30 P.M.,  
at Girard College.

# The Board of Directors of City Trusts, 1869-1899.

## MEMBERS OF THE ORIGINAL BOARD OF DIRECTORS OF CITY TRUSTS, APPOINTED SEPTEMBER 2, 1869.

GUSTAVUS S. BENSON . . . . .	Died March 22, 1883.
ALEXANDER BIDDLE . . . . .	Resigned Dec. 1884.
JAMES CAMPBELL . . . . .	Died Jan. 27, 1893.
JAMES L. CLAGHORN . . . . .	" " Aug. 25, 1884.
CHARLES H. T. COLLIS . . . . .	Resigned June 11, 1884.
J. GILLINGHAM FELL . . . . .	" " Sept. 9, 1874.
EDWARD KING . . . . .	" " Feb. 14, 1872.
WILLIAM B. MANN . . . . .	Died Oct. 17, 1896.
JOHN H. MICHENER . . . . .	
HENRY M. PHILLIPS . . . . .	Died Aug. 28, 1884.
GEORGE H. STUART . . . . .	" " April 11, 1890.
WILLIAM WELSH . . . . .	" " Feb. 11, 1878.

### "EX-OFFICIO" MEMBERS.

DANIEL M. FOX, <i>Mayor</i> . . . . .	Term expired Jan. 1, 1872.
SAMUEL W. CATTELL, <i>President Select Council</i> . . . . .	" " Jan. 1, 1872.
LOUIS WAGNER, <i>President Common Council</i> . . . . .	" " Jan. 2, 1871.

## APPOINTMENTS ON BOARD OF DIRECTORS OF CITY TRUSTS SUBSEQUENT TO SEPTEMBER 2, 1869.

Appointed.		
W. HEYWARD DRAYTON . . . . .	Feb. 14, 1872.	Died Oct. 9, 1892.
LOUIS WAGNER . . . . .	Jan. 4, 1875.	
GEORGE L. HARRISON . . . . .	March 18, 1878.	Resigned Dec. 17, 1881.
BENJAMIN B. COMEGYS . . . . .	Jan. 7, 1882.	
JOSEPH L. CAVEN . . . . .	March 31, 1883.	
WILLIAM L. ELKINS . . . . .	Oct. 6, 1884.	
JAMES SIMPSON, M.D. . . . .	" 6, 1884.	Resigned March 5, 1888.
RICHARD VAUX . . . . .	" 6, 1884.	Died March 22, 1895.
WILLIAM HENRY RAWLE . . . . .	Jan. 12, 1885.	" " April 19, 1889.
ALEXANDER BIDDLE ( <i>reappointed</i> ) . . . . .	April 2, 1888.	
JOHN H. CONVERSE . . . . .	June 3, 1889.	
EDWARD S. BUCKLEY . . . . .	" 2, 1890.	
JOHN K. CUMING . . . . .	Dec. 5, 1892.	
DALLAS SANDERS . . . . .	March 6, 1893.	
JOHN M. CAMPBELL . . . . .	April 15, 1895.	
EDWIN S. STUART . . . . .	Dec. 7, 1896.	

### "EX-OFFICIO" MEMBERS.

WILLIAM S. STOKLEY, <i>Mayor</i>	.	.	Jan.	1, 1872, to April	4, 1881.
SAMUEL G. KING,	"	.	April	4, 1881, to "	7, 1884.
WILLIAM B. SMITH,	"	.	"	7, 1884, to "	4, 1887.
EDWIN H. FITLER,	"	.	"	4, 1887, to "	6, 1891.
EDWIN S. STUART,	"	.	"	6, 1891, to "	1, 1895.
CHARLES F. WARWICK,	"	.	"	1, 1895.	

WM. E. LITTLETON, <i>President Select Council</i>	Jan.	1, 1872, to Jan.	5, 1874.
* ROBERT W. DOWNING, " " "	"	5, 1874, to July	8, 1875.
W. W. BURNELL, M.D., " " "	July	8, 1875, to Jan.	3, 1876.
* GEORGE A. SMITH, " " "	Jan.	3, 1876, to Nov.	3, 1881.
GEORGE W. BUMM, " " "	Nov.	3, 1881, to April	3, 1882.
WILLIAM B. SMITH, " " "	April	3, 1882, to "	7, 1884.
JAMES R. GATES, " " "	"	7, 1884, to "	3, 1893.
JAMES L. MILES, " " "	"	3, 1893.	

* HENRY HUHN, <i>President Common Council</i>	Jan.	2, 1871, to Feb.	15, 1872.
LOUIS WAGNER, " " "	Feb.	15, 1872, to Jan.	6, 1873.
A. W. HENSZEY, " " "	Jan.	6, 1873, to "	3, 1876.
JOSEPH L. CAVEN, " " "	"	3, 1876, to April	4, 1881.
WILLIAM H. LEX, " " "	April	4, 1881, to "	7, 1884.
CHAS. LAWRENCE, " " "	"	7, 1884, to "	2, 1888.
† WILLIAM M. SMITH, " " "	"	2, 1888, to May	4, 1892.
WENCEL HARTMAN, " " "	May	12, 1892.	

### OFFICERS.

#### *President.*

† WILLIAM WELSH . . .	Sept.	13, 1869, to Feb.	11, 1878.
HENRY M. PHILLIPS . . .	March	13, 1878, to Dec.	14, 1881.
ALEXANDER BIDDLE . . .	Dec.	14, 1881, to Dec.	10, 1884.
† W. HEYWARD DRAYTON . .	Dec.	10, 1884, to Oct.	9, 1892.
LOUIS WAGNER . . .	Dec.	14, 1892.	

#### *Vice-President.*

HENRY M. PHILLIPS . . .	May	11, 1870, to March	13, 1878.
ALEXANDER BIDDLE . . .	March	13, 1878, to Dec.	14, 1881.
W. HEYWARD DRAYTON . . .	Dec.	14, 1881, to Dec.	10, 1884.
LOUIS WAGNER . . .	Dec.	10, 1884, to Dec.	14, 1892.
JOSEPH L. CAVEN . . .	Dec.	14, 1892.	

#### *Secretary.*

HENRY W. AREY . . .	Feb.	25, 1870, to Jan.	9, 1878.
CHAS. T. MILLER . . .	Jan.	9, 1878, to Dec.	31, 1884.
FRANK M. HIGHLEY . . .	Jan.	1, 1885.	

\* Resigned.

† Died.

THE  
TWENTY-NINTH ANNUAL REPORT  
OF THE  
BOARD OF DIRECTORS OF CITY TRUSTS.

---

*To the Legislature of the Commonwealth of Pennsylvania, the  
Councils of the City of Philadelphia, and the Board of Ap-  
pointment, composed of the Judges of the Courts of Common  
Pleas of the County of Philadelphia :*

GENTLEMEN :

IN compliance with the Act of Assembly entitled "A  
Further Supplement to an Act entitled 'An Act to Incorporate the City of Philadelphia,' approved the second day of February, one thousand eight hundred and fifty-four, creating a Board called Directors of City Trusts," approved June 30, 1869, the Board of Directors of City Trusts respectfully present this, the Twenty-ninth Annual Report of the several Trusts under their administration, for the year ending December 31, 1898.

During the year just closed there have been no changes in the membership of the Board by either death or resignation, and the organization continues as during the year 1897, ex-



cept that the request of Mr. John H. Michener, to be relieved from further duty with the Committee on Household and Infirmary of the Girard College, compelled some slight changes in the *personnel* of the committees having charge of that Institution during 1899.

Mr. Michener was a member of this committee during the existence of the Board, except in 1879-81, and its chairman since January 1, 1889. His services in this connection were not only long-continued, but laborious and painstaking.

On November 21st last the offices of the Board were removed from the temporary quarters in the Girard National Bank Building, on Third Street, to the commodious and handsomely finished offices in the Stephen Girard Building.

The whole of the north half of the first floor has been admirably fitted up for the transaction of our large and continually growing business, and for the first time in the history of the Girard Estate it is, with the other Trusts under our management, located in offices commensurate with the dignity and the importance of the work.

The Secretary of the Board and the Superintendent of Admission and Indenture occupy the offices at the east end of the building, and the Superintendent of the Girard Estate and of Minor Trusts finds ample accommodations for himself and his assistants in the western end.

The Board suffered a serious loss by the death of the Honorable F. Carroll Brewster, who departed this life on Friday, December 28, 1898, while *en route* to Florida in search of health.

Judge Brewster became our Solicitor at the organization of the Board, and for nearly thirty years ably represented us in the legal questions incident to the Trusts under our care.

At the outset of his services he successfully defended the

very existence of the Board of Directors of City Trusts, which was questioned by the Councils of the City under *quo warranto* proceedings. The decision of the Supreme Court, sustaining the constitutionality of the Act of Assembly creating the Board, fully endorsed his contentions in the premises, and the satisfactory manner in which the various affairs of the many Trusts of the City have been administered since that time confirms the wisdom of the legislation establishing the Board.

Judge Brewster's well deserved fame as a jurist, his character as a high-minded, public-spirited citizen, and his unflagging zeal in all that pertained to the legal matters of our Board are too well known to call for eulogium here, and they have made too deep an impression upon the affairs of our City and Commonwealth to be soon effaced or forgotten.

At a special meeting of our Board, held on January 3, 1899, the following minute was adopted and ordered to be entered of record:

"The Board of Directors of City Trusts, called in special meeting for the purpose of taking action upon the death of its Solicitor, the Honorable F. Carroll Brewster, places upon its records a brief minute, in recognition of the long, faithful, and efficient service rendered by that officer in the interest of the trusts confided to its care.

"Called, at one of its earliest meetings, to assume the important duties of Solicitor of the Board, Judge Brewster has continued to the day of his decease to give to these duties the close, patient attention and prompt and well-considered action which have so well served to defend the rights, preserve the integrity, and conduce to the well-being of these trusts.

"Always kind, courteous, and considerate, yet firm, fearless, and decisive in all his dealings, Judge Brewster has com-

manded not only the respect and confidence of this Board and of its individual members and officers, but, in addition, has won from each, personal affection and regard to a degree rare in business relations.

"As a recognition of his distinguished services, and also as an expression of our personal feelings, it is ordered that this minute be entered upon the records of the Board of Directors of City Trusts, and that a certified copy be sent to the family of the deceased."

At the meeting of the Board, held on January 11, 1899, Mr. Francis E. Brewster, for many years our Assistant Solicitor, was elected to fill the vacancy caused by the death of his father, Judge Brewster.

The several officials and employés of the Board have faithfully and intelligently discharged their duties, and it is proper that official notice should be taken of this fact.

Their reports, printed in full in the Appendix, show in detail the work under our care, and they should have your careful consideration.

Our report for last year contained an account of the services in connection with the celebration of the semi-centennial anniversary of the opening of Girard College, held on January 3, 1898, to which we refer here as a part of the doings of the past year.

The extensive publication of these proceedings has not only largely increased the well-deserved fame of the College, both in our own country and abroad, but has also brought into renewed prominence the extent and the wisdom of Mr. Girard's plans for the training of poor, white, male orphans, and of his other legacies for the benefit of our city.

The affairs of an Institution so long established as is GIRARD COLLEGE are necessarily so accurately adjusted, and generally so well administered, that it is difficult to present annually a report containing matters of great novelty.

The report of the PRESIDENT, with the accompanying reports of the Physicians and of the Steward (printed as *Appendix D*), shows that the training of the 1538 pupils continues along the lines laid down by Mr. Girard in his will, and that the results of the year are highly satisfactory.

The only changes in the faculty of the College were the appointment of George W. Norton, A.B., as teacher of "Sloyd," and the recall, by the War Department, of Captain Frank A. Edwards, First United States Cavalry, to his command because of the war with Spain.

An account of the teaching of "Sloyd" work is given in great detail in the report of the President. Because of the want of space in the Mechanical School building this new branch of handicraft is taught in the large room in the third story of Building No. 10, where 320 of the smaller boys receive this instruction two hours each per week.

Prefect George D. Rise, a graduate of the College and one of the most efficient captains of the Battalion of Cadets while one of our pupils, is in temporary command of the Battalion because of the absence of Captain Edwards.

His experience as an officer of the National Guard of Pennsylvania and his ability as a disciplinarian have kept the Battalion in an admirable state of good order and efficiency.

In connection with this reference to the Battalion of Cadets and the military instructor in the College, it is proper to note



the results of the inquiry made at the request of the War Department, Washington, D. C., upon the subject of the enlistment, in the military service during the war with Spain, of graduates of colleges having officers of the army as instructors.

It is difficult to secure full and accurate information of the enlistment of our boys, but the following figures are known to be correct :

Regular Army :

Non-commissioned officers . . . . .	5	
Privates . . . . .	22	
	—	27

Volunteer Army :

Commissioned officers . . . . .	3	
Non-commissioned officers . . . . .	38	
Privates . . . . .	79	
	—	120

National Guard of Pennsylvania (in expectation of a third call for troops):

Commissioned officers . . . . .	10	
Non-commissioned officers . . . . .	48	
Privates . . . . .	75	
	—	133
		<u>280</u>

There are also enlistments in the Marine Corps :

Non-commissioned officers . . . . .	1	
Privates . . . . .	1	
	—	2
and in the Navy . . . . .		12
		<u>14</u>
Rejected for physical disability . . . . .		20

Girard College has had an officer of the Regular Army as Instructor in Military Science and Tactics for five years only, but its Battalion of Cadets has been in existence since 1870, under command of officers who had served in the suppression of the Rebellion.

It is estimated that the number of graduates of military age is about 2700, and the number of enlistments, 20 per cent. of the eligibles; a record by no means discreditable to the patriotism or to the valor of our boys. Nearly all of those enlisting had military training in the Battalion of Cadets; about 60 per cent. under regular army officers.

In answer to another question of the War Department we regret to report that none of the Alumni of the Girard College were commissioned in the Regular Army, notwithstanding the fact that a number of them have been published in the official Army Register, in the lists of "Students who stood highest in the Military Department at the last Commencement at Universities and Colleges, etc., having Military Instructors detailed from the Army."

In the probable increase of the army it may be possible to have this omission rectified.

The DEPARTMENT OF NATURAL HISTORY has materially increased its efficiency by large additions to its equipment, and its collection of maps, of minerals, etc., is gradually assuming satisfactory proportions.

Mr. Girard's direction to teach Spanish has been emphasized by the immediate need of men having a knowledge of that language. The results of the war with Spain will increase our country's commerce with the peoples with whom Mr. Girard had such large business connections, and the College is exceedingly fortunate in the services of the gentleman filling the chair of Spanish in its faculty.

The latest conclusions in pedagogy that set examinations at stated periods are not the best methods for ascertaining the fitness of pupils for promotion to higher schools, has caused a change in the manner of advancement and with satisfactory results.

The suggestions of the PRESIDENT upon the subjects of a gymnasium and of summer vacations will have the careful consideration of the Board.

"A sound mind in a sound body" is of the utmost importance in all the affairs of life, and the latter is frequently not inherited by our pupils, all of them orphaned before ten years of age, by the deaths of their fathers. This shows the need of physical training beyond the average of boys of similar age and surroundings; hence the urgent need of a building adapted for the purposes of a gymnasium, and of a drill-shed for the Battalion of Cadets.

The question of summer vacations for all our pupils, many of them without friends or relatives able to entertain them, is a more difficult one, but will, no doubt, be satisfactorily solved, and in favor of summer vacations.

The complete installation of the electric plant gives power for all the machinery of the Household, as well as in the Department of Instruction, and the use of steam engines, and of gas for illuminating purposes, is altogether discontinued.

The HOUSEHOLD OF THE COLLEGE is pursuing its usual routine course in the usual satisfactory manner. Our pupils are well housed, amply fed, and admirably clothed, and their caretakers are attentive to, and conscientious in, the discharge of their duties.

The only changes in the Officers of the Household were

caused by the retirement of Miss Mary White and Miss Eliza Hare, who served both long and faithfully as governesses, the latter for more than thirty years. Miss Hare died in July last, soon after her retirement from active duty.

The vacancies caused by these changes were filled by the appointment of Mr. B. Frank Wickersham as relieving prefect.

The reports of the PHYSICIANS show an increase in the number of cases treated, but a gratifying decrease in the more serious sicknesses. This is most notable in the matter of diphtheria, of which we had 6 cases in 1898 and 119 in 1897.

The following deaths occurred during the year :

Acute miliary tuberculosis . . . . .	1
Chronic nephritis . . . . .	1
Cerebro-spinal fever . . . . .	2
Endocarditis . . . . .	2
Meningitis . . . . .	1
Scarlet fever . . . . .	1
Total . . . . .	8

The new Infirmary is fully completed and on the most approved model of hospital construction. It is strictly fireproof, and no expense has been spared to secure a structure combining utility and safety.

The architect submits the following brief statement of the several enlargements of the College Infirmary and one in greater detail of the latest addition to the building :

“The first Infirmary erected was a building fifty feet square, upon two floors of which were eight small wards for the sick. In 1880 the building was enlarged by an addition fifty by seventy-five feet, having upon three floors six additional wards; the dispensary, dental rooms, etc., being provided upon the first

floor. During 1897-1898 the building was further remodeled by tearing down a portion of the building first constructed, and building an extension of the front portion, seventy-two feet six inches in depth, with a lateral wing thirty-three feet by eighty-two feet running west, and a wing twenty-seven feet by thirty feet running east; the building is connected and enclosed as one structure, but so arranged that the wards of the front building can be isolated from those in the additions. Each section has a separate stairway, and within the stair-wall of the new portion there is an elevator to receive a cot or stretcher. The new wings contain three wards of twenty-four beds each, three wards of eight beds each, and three wards for special sick patients. The total capacity of the Infirmary is 200 beds. With each ward a lavatory, baths, nurse's room, and diet-kitchen are connected.

"The convalescents' dining-room, the main kitchen, the bathing-pool, and the heating and ventilating apparatus are in the basement, which is a clear story and well lighted. The doctors' rooms, dispensary, and the dental rooms are upon the first floor of the building.

"The building throughout is constructed fireproof; plumbing is of the best modern practice and the fixtures of the most approved type. The heating and ventilation is effected by a pressure fan for air-supply and by an exhaust fan for the ventilation, run by electric motors, enabling a change of air in any or all the apartments throughout the building in five minutes, the flushing being done with pure warm air at a desired temperature and regulated by thermometers. The interior finish of the building is of simple character but of substantial construction, polished marble being used for wainscot and throughout the lavatories, and marble tiling throughout the halls. The woodwork has been finished without mouldings, all angles have been coved or rounded throughout; angles and crevices for the retention of impurities have been

carefully avoided. The water-supply is from the general system of filtered water in use in the College, and the building is lighted by incandescent electric lights. In every way the building contains the most approved methods of arrangement, capacity, and construction of the best modern hospital construction."

The population of the College during the year 1898 was as follows :

Number of pupils January 1, 1898 . . . .	1536	
Admitted during the year . . . .	258	
	<hr/>	1794
During the year there were		
College indentures cancelled to enable		
boys to accept employment . . . .	218	
Indentured as an apprentice . . . .	1	
Returned to mothers and friends, and trans-		
ferred to other institutions . . . .	17	
Eighteen years of age . . . .	12	
Died . . . . .	8	
	<hr/>	256
Number of pupils December 31, 1898 . . . .		1538
Officers { Instruction . . . .	68	
{ Household . . . .	49	
	<hr/>	117
Employés of household . . . . .	279	
	<hr/>	396
Total, December 31, 1898 . . . .		<u>1934</u>

The following table shows the number of applicants registered for admission into Girard College, and the number of boys in the College, on January 1, 1899, born in the different Counties of Pennsylvania :

County.	On the List of Applicants.	In the College.	County.	On the List of Applicants.	In the College.
Adams.....	1	2	Lycoming.....	2	13
Allegheny.....	2	5	McKean.....	...	1
Bedford.....	1	...	Mifflin.....	3	2
Berks.....	13	26	Monroe.....	...	4
Blair.....	8	22	Montgomery.....	22	67
Bradford.....	7	9	Montour.....	1	2
Bucks.....	10	25	Northampton.....	4	12
Butler.....	1	...	Northumberland....	8	23
Cambria.....	...	7	Schuylkill.....	35	131
Cameron.....	1	2	Somerset.....	...	3
Carbon.....	3	13	Susquehanna.....	2	7
Centre.....	3	3	Tioga.....	3	3
Chester.....	20	43	Union.....	2	...
Clearfield.....	7	5	Venango.....	...	1
Clinton.....	8	16	Warren.....	...	2
Columbia.....	5	21	Washington.....	1	2
Crawford.....	2	7	Wayne..	3	3
Cumberland.....	3	12	Wyoming.....	1	3
Dauphin.....	11	27	York.....	..	5
Delaware.....	18	27			
Elk.....	...	2		285	704
Erie.....	1	1	Philadelphia (out- side of Old City)	298	696
Fayette.....	...	3	Old City of Phila- delphia.....	2	138
Franklin.....	1	4		585	1538
Fulton.....	...	2			
Huntingdon.....	3	5	Outside of the State of Pennsylvania..	15	...
Indiana.....	2	1		600	1538
Jefferson.....	4	13			
Lackawanna.....	12	15			
Lancaster.....	11	36			
Lebanon.....	8	9			
Lehigh.....	4	13			
Luzerne.....	28	44			

There has been an increase in the number of admissions . . . . . 59

and in the number of discharges, etc. . . . . 57

The number of pupils in the College is . . . 1538  
an increase of . . . . . 2

---

In the number registered for admission there is an increase	
from Philadelphia of . . . . .	18
and a decrease from other parts of Pennsylvania, etc.	21
	<hr/>
Total decrease . . . . .	3
	<hr/>

It will be noted that there are pupils in the College, or applicants registered for admission, from 53 of the 67 Counties of the State.

In view of the many importunities to which the members of the Board are subjected, and of the attempted application of influence, social or political, to secure the admission of boys into the College, it is well again to call attention to the fact that admissions are made strictly in accordance with the provisions of Mr. Girard's will: in the order in which the applications are filed.

No boys are registered or admitted under 6 years of age, and the names of those becoming 10 years of age before their turn for admission is reached are stricken from the roll of applicants.

Preference in admission is given by the will to boys born in the Old City of Philadelphia. Those born elsewhere are not reached until more than two years after their registration.

The report of the SUPERINTENDENT OF ADMISSION AND INDENTURE (*Appendix E*) presents in detail the present occupations and conditions of 961 of the pupils honorably discharged during the years 1893-1897, showing that there are



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Employed . . . . .	776
Unemployed . . . . .	107
In other institutions, dead, or without report . . . . .	28
	<hr/>
Doing well . . . . .	858
“ fairly . . . . .	11
“ not well . . . . .	14
	<hr/>

About fifty per cent. appear to be engaged in mechanical pursuits.

The report of the SUPERINTENDENT OF GIRARD ESTATES (*Appendix A*) shows an increase in gross income of \$37,831.72 but a decrease in net income of . . . . . \$17,334.40

The *increase* is altogether in the income from Real Estate in the City of Philadelphia,

<i>gross</i> . . . . .	\$97,134.60
<i>and net</i> . . . . .	<u>36,364.84</u>

This is to be attributed to the completion of the Stephen Girard Building, and its occupancy by tenants to the extent of about 78 per cent of its capacity.

The *decrease* is from Real Estate without the City,

	<i>gross</i> \$17,817.42	<i>net</i> \$2,933.71
and from income on investments, “	41,485.52	“ 45,346.53

This is to be attributed

1st, to the lessened demand for anthracite coal, and, 2d, to the sale of investment securities to secure funds for the completion of the improvements to real estate at Twelfth and Market and Girard Streets, and for the important work of the improvement of the river front.

All this work will be finished before the close of the current year, thereby decreasing the expenditures, whilst the present outlook in business justifies the expectation of large increases in the income from all sources.

	Gross.	Net.
The total receipts from Real Estate within the City of Philadelphia were . . . . .	\$512,178.84	\$292,592.90
and from Stocks, Bonds, etc. . . . .	191,824.89	188,000.75
Total. . . . .	<u>\$704,003.73</u>	<u>\$480,593.65</u>

During the year 1898 we paid the City of Philadelphia for water rents . . . . .	\$5,398.00
and for taxes . . . . .	<u>\$102,214.45</u>
an increase in the latter item over the year 1897 of . . . . .	<u>\$7,819.72</u>

Much of the latter increase is caused by the completion and the full assessment for taxation of the Stephen Girard Building.

The work of preparing the Girard lands in the lower part of the city for city improvements is progressing steadily.

At Girard Point the low lands are being filled to a higher level.

At Eighteenth and Nineteenth and Porter Streets we are "squaring" land lines with owners of adjoining property, and the lots are being graded in anticipation of the erection of dwelling-houses.

Work on the "Girard Park," covering the ground bounded by Twenty-first, Twenty-second, Porter, and Shunk Streets, is progressing rapidly. This tract of  $3\frac{1}{2}$  acres has been graded,

grass-plots and walks have been laid out, and concrete boundary curbs have been constructed.

The restoration of the Girard Mansion is not yet begun, but it is expected that before the close of the year the Park, though not finished, will be opened for the use of the public.

This whole work, including the extension of the city water mains from Twenty-first and Passyunk Avenue to the Park, is being paid for by the Girard Estate, and when completed the Park will be dedicated to public use and thereafter maintained, free of cost to the city.

The assets of the FIRE INSURANCE FUND	
amount to . . . . .	<u>\$32,441.29</u>
an increase during the year of . . . . .	<u>\$3,797.14</u>
The amount at risk is . . . . .	<u>\$1,317,100.00</u>

There was no fire loss in 1898.

THE FUND FOR THE IMPROVEMENT OF THE DELAWARE FRONT OF THE CITY, ETC., shows a net income from investments of . . . . .	
	<u>\$46,837 94</u>

The current expenditures for administration, for policing, cleaning, lighting, etc., of the river front and of Water Street, and for the removal of wooden buildings were . . . . .	
	<u>\$12,633.51</u>
and the expenditures on account of the widening of Delaware Avenue, and the construction of bulkheads, etc., were . . . . .	
	<u>263,465.16</u>
Total . . . . .	<u>\$276,098.67</u>

The investments amount to . . . . .	
	<u>\$952,250.00</u>
with cash on hand of . . . . .	<u>11,508.19</u>
Total . . . . .	<u>\$963,758.19</u>

The original devise was . . . . .	
	<u>500,000 00</u>
showing a balance available for current expenditures of . . . . .	
	<u>\$463,758.19</u>

a decrease of \$229,260.73, caused by the expenditures for the improvements named above.

The very full report, appended to the report of the Superintendent, of our Consulting Engineer shows that the work on these improvements is progressing in a very satisfactory manner, and that it will be finally completed before the close of the current year.

When finished the City of Philadelphia will have a river front second to none in this country, limited, however, to the boundaries of the old city, for whose benefit Mr. Girard established the fund for this work.

With a harbor of unsurpassed extent and with the river approaches widened and deepened, by national appropriation of funds for the work, to meet the demands of modern shipping, our city should regain some of its lost commerce.

We commend a careful perusal to those in authority, and to our citizens generally, of the report submitted, so that early steps may be taken to extend this improvement the full length of the river front.

With an avenue 150 feet wide between house- and dock-lines, and with proper railroad-track facilities to literally bring the products from the interior to the sides of the vessels to carry them abroad, our utterly inadequate warehouse accommodations demand early attention.

The present enlargements justify a plan to vacate Water Street between Vine and South Streets and to widen Front Street, so that warehouses of proper capacity for the increased traffic could be constructed.

The freight cars could then be run in on the lower floors on Delaware Avenue and their contents raised by lifts to the level of Front Street and be from there distributed. The cost of this work would be large, but the benefits to commerce would justify the outlay, and the firms and corporations in the shipping

The report of the SUPERINTENDENT (*Appendix A*), with the report of the ENGINEER of the GIRARD ESTATE IN SCHUYLKILL AND COLUMBIA COUNTIES, and the appended reports, give a full account of the important operations in connection with the Girard coal lands in these counties.

	Gross.	Net.
In 1897 . . .	\$532,855.76	\$454,712.97
In 1898 . . .	515,038.34	451,779.26
Decrease . . .	<u>\$17,817.42</u>	<u>\$2,933.71</u>

The collieries on the Estate were operated but half time during the first six months of the year, but little more than that during the succeeding three months, and full time only during the last three months of the year.

The total coal mined was . . . . 1,416,551 tons,  
of this there were consumed in operating . 215,367 "

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Year.	Large. Per cent.	Chestnut. Per cent.	Pea. Per cent.	Buckwheat. Per cent.	Rice. Per cent.	Per cent.
1863 .	90.00	10.00	.....	.....	.....	100
1867 .	87.49	12.17	.34	.....	.....	100
1878 .	77.22	12.52	10.19	.07	.....	100
1895 .	50.64	20.31	11.51	16.54	1.00	100
1898 .	45.12	22.90	12.58	18.03	1.37	100

The largest shipment from one breaker was again by the William Penn Coal Company,—205,021 tons.

The following collieries increased their shipments, and in the order named :

Packer No. 2, Packer No. 3, and Hammond.

The other collieries shipped less than in 1897, in the following order :

Wm. Penn, East Bear Ridge, North Ashland, West Bear Ridge, Packer No. 5, Kehley's Run, and Packer No. 4.

There was one mine fire during the year. This occurred in William Penn Colliery, and was extinguished after a sharp struggle,—as described in the Engineer's report (*Appendix B*).

All the colliery improvements under and above ground are reported in good condition for large shipments. Four miles of new gangway were driven, and the necessary "dead work" was kept well ahead of mining operations.

The seven leases expiring on January 1, 1899, and the two leases expiring on January 1, 1900, have been renewed to expire on December 31, 1913, with the present leases as follows :

with the Susquehanna Coal Company,  
the William Penn Colliery.  
with the Thomas Coal Company,  
the Kehley's Run Colliery.  
with the Lehigh Valley Coal Company,  
the Packer Nos. 1 and 5, }  
Packer Nos. 2 and 4, } Collieries,  
Packer No. 3 }  
the Continental, and }  
North Ashland } Collieries.  
with the Philadelphia and Reading Coal & Iron  
Company,  
the Hammond Colliery,  
the Bear Ridge Colliery.

The only changes in the territory leased were in the Bear Ridge Colliery, where the lessee takes only the coal covered by the former East Bear Ridge lease, using, however, the West Bear Ridge breaker, and in the consolidation in one lease of the coal-beds covered by the Continental and the North Ashland leases, the latter being surrendered by the former lessee to the Lehigh Valley Coal Company, with the condition that all coal mined shall be shipped over the Centralia Colliery breaker situated on the adjoining land, owned by the Lehigh Valley Coal Company.

The leases just expiring called for an advancing rate of royalty of one cent per ton annually. Beginning with 25 cents per ton for large coal, thirty years ago, when the leases were first executed for fifteen years, the rate had increased to 39 cents per ton in 1874, when they expired.

The renewals then made for fifteen years continued at the same rate of increase, and during the past year we received 54 cents per ton for large coal.

Under the changed conditions of the anthracite coal trade these figures were manifestly too high, and the new leases fixed the following as the royalties to be paid during their continuance:

for large coal, 40 cents per ton	} of 2240 pounds.
" No. 2 size, 25 cents per ton	
" No. 3 size, 10 cents per ton	
" No. 4 size, 5 cents per ton	

The average royalty received during the year 1898 was 41.41 cents per ton upon all coal shipped to market. Continuing the same percentage of shipments of the several sizes of coal the average royalty under the new leases would be 32.46 cents per ton.

The only other change in the new leases, of financial importance to the Girard Estate, requires the repayment of the \$20,000 advanced by the Estate to the lessees thirty-five years ago for the erection of each of the breakers.

It is a gratification to the Board that the important question of these renewals has been adjusted upon terms so fair to all the parties interested.

Girard Washery shipped 34,027 tons, an increase of 16,136 tons over 1897.

Ravens Run Washery is still idle, but a lease for five years, from August 1, 1898, has been made to Madeira, Hill & Co., who are erecting the necessary buildings and machinery to begin washing and shipping coal early in the spring.

The lands of the Girard Estate in Schuylkill and Columbia Counties consist of 4,229 acres of coal land and of 12,079 acres of farm- and mountain-land, the largest part of the latter of a character only fit for the raising of timber.



With the exhaustion of the coal-beds before the expiration of the twentieth century the question of the future of these lands becomes a problem of much moment.

The six farms established in 1890 in the Catawissa Valley are slowly reaching a condition profitable to the tenants, and this part of our property can be improved to the extent of the tillable land in the valley.

The larger acreage on the sides and upon the tops of the range of mountains south of this valley involves larger and more difficult questions.

Before the opening of the coal-mines these mountains were covered with a growth of magnificent timber, chiefly oak, chestnut, and hemlock. As mining progressed this timber was cut down for use in the collieries and a new growth was made impossible by the reckless destruction of the young trees by fire, and by cutting off the water springs which abounded in this region.

To repair to some extent this damage and waste, the Girard Estate has planted 220,550 seedlings on the water-shed of the North Mahanoy Mountain, commencing this work with a small number of trees in 1877. A detailed statement of the kind of trees planted and of the cost incident to the work, found in the report of the Engineer (*Appendix B*), is worthy the consideration of all interested in the question of the restoration of the timber lands of our State.

Our work is insignificant compared with the extent of territory to be replanted, but it is the first attempt made in Pennsylvania by any one to repair the mischief done, and the results may be of use to those working elsewhere along similar lines, but on a larger scale.

The offer of the United States Department of Agriculture, Forestry Division, to assist owners of forest land in devising

working plans for the handling of timber land has been accepted by us, and two tracts of land, containing respectively 738 and 1273 acres, have been selected for the experiment. The results will be interesting to those engaged in similar work, and, it is expected, of advantage to the Girard Estate.

Growing trees, while a slow process, is sure to be profitable to the land-owner in the end. It is also of importance from the stand-point of the future water-supply for the rapidly increasing urban population of our State, and deserves all the consideration given to it at the present time.

It is proper to note here the fact that similar work is being done by our Board on the lands in Centre County, which are also under our care in connection with the Fuel Trust established by Elias Boudinot in 1821.

The effort to protect our tree plantations by the construction of fire roads seems to be successful. In 1897 the Engineer reported that 4284 acres of land had been burned over, in 1898 only 554 acres were burned.

The report of the GIRARD WATER COMPANY (*Appendix C*) shows a steady increase in the quantity of water consumed.

There was used in mining operations at			
10 collieries	.	.	162,267,136 galls. or 74 per cent.
by railroads	.	.	9,884,820 " " 5 " "
and for domestic purposes	.	.	45,832,952 " " 21 " "
Total	.	.	<u>217,984,908</u> " " 100 " "
An increase of	.	.	6,360,434 gallons over the year 1897.

The smallest consumption was in April, 12,419,466 gallons.  
The largest " " " " October, 21,966,440 "

The Company charges each consumer a minimum rate of \$50 for one million gallons or less per month, and at the rate of \$100 per million for all in excess of the first million.

The price during the year 1898 averaged \$80.00 per million gallons.

The weather records kept at the reservoirs of the Company show a total precipitation for the 12 months ending December 31, 1898, of . . . . 55.88 inches

Average for 11 years preceding . . . . 55.31 "

An excess of . . . . .57 "

The greatest precipitation was in August . 11.32 "

and the least " " " September . 1.14 "

There was rain or snow fall on . . . . 135 days.

the greatest number being in May . . . . 19 "

The total receipts of the Company were:

For water-rents . . . . . \$18,411.38

For ice-cutting privileges . . . . 100.00

\$18,511.38

which was expended as follows:

Rent of pipe-lines . . . . . \$8,000.00

Repairs to houses and stables . . . 130.83

Repairs to reservoirs . . . . . 12,690.15

General improvements . . . . . 371.04

Stationery and miscellaneous expenses 361.60

Taxes . . . . . 1,000.00

Salaries . . . . . 910.00

Dividends . . . . . 7,980.00

Total . . . . . 31,443.62

Balance taken from profit and loss \$12,932.24

These figures include cash transactions of 13 months :  
December 1st, 1897, to December 31st, 1898.

Rent of pipe-lines is . \$5,000 in 1897  
and . . . . . 3,000 on account of 1898.

The only work of importance during the year was the strengthening of the embankment of Reservoir No. 2.

This being the reservoir used as the distributing basin for the greater number of collieries, the constant and material filling up and drawing down of the water had caused a sliding of the riprapping and a settling of the embankment. This has been remedied by the work done, and the four reservoirs of the Company are in good and safe condition.

No additional distributing mains have been laid during the past year, but the eleven miles in use require continual attention by reason of leaks caused by the settling of the ground, the result of the mining operations.

The number of water leases remains as of last year:

Collieries . . . . .	10
Railroad and Traction Companies . . . . .	2
Boroughs . . . . .	1
Water Companies . . . . .	1
Stores and Dwelling Houses . . . . .	4
	<hr/>
	18

The total water furnished consumers during the fifteen years of the Company's existence was 2,325,502,308 gallons.

The storage capacity of our four reservoirs is now 177,029,903 gallons, and all are full of water at the close of the year.

The report of the SUPERINTENDENT OF MINOR TRUSTS (*Appendix F*) gives detailed statements of the operations of the 35 separate trusts under the care of our Board. There has been no change during 1898 in either their number or classification.

The total capital of all the trusts is . . . \$1,263,464.13

The current income was . . . . . \$51,169.19  
and the receipts from legacies, donations, etc. . . . . 450.00

\$51,619.19

The principal expenditures were:

Wills Hospital . . . . .	\$16,617.95
Mary Shields Almshouse Fund . . . . .	3,310.78
Fuel Funds . . . . .	9,880.32
Food,—Bread and Soup . . . . .	924.50
Books, medals, etc., including annual payment to the Southwark Library from the Grover Estate . . . . .	2,226.03
Simon Muhr Scholarships . . . . .	<u>1,565.00</u>

The receipts vary but little from year to year, and the expenditures are necessarily based upon this practically definite income.

The total cost of the administration of all the Minor Trusts was \$1,016.36.

From the income of the thirteen FUEL FUNDS, 2192 tons of coal were distributed under the personal direction of the members of the Board, and the income from the FOOD FUNDS was distributed among nine soup societies of our city.

Of the coal, 1148 tons were paid for from the income of the Thomas D. Grover Fund. The conditions of this trust

limit the distribution "among white widows of respectable character, who are house-keepers or room-keepers, born within the limits of the United States of America, whose husbands shall have died within the present defined boundaries of the district of Southwark."

The coal purchased by the other trusts is distributed as follows:

1	in the former district of Spring Garden . . .	37 ½ tons.
1	" " " " the Northern Liberties . . .	54 "
4	" Old City of Philadelphia . . .	375 ½ "
6	" present City of Philadelphia . . .	577 "
	Total . . . . .	<u>1044</u> "

The expenditure of the income from the SCHOOL FUNDS represents 845 new books purchased for the six Grammar Schools of the (old) City of Philadelphia and \$300 paid to the Southwark Library Company.

No additional scholarships were awarded under the SIMON MUHR TRUST, the income being only sufficient to sustain those heretofore granted to

Two young men at the University of Pennsylvania,

Two young women at Bryn Mawr College.

Under the HANNAH M. DODD FUND one gold and one silver medal had been awarded annually since 1874 "to the most distinguished graduates of the Girls' High School." The Board of Public Education having divided this school into three distinct departments giving instruction upon independent lines and graduating the students accordingly, it was deemed best to reduce the metal value of the gold medal so that proper presentation could be made to the two most distinguished graduates in each of the General, Classical, and Commercial Courses.

For this reason, six medals were presented at the last Commencement to the young ladies as noted in the report of the Superintendent, in place of two as heretofore.

The terms of the wills of DR. BENJAMIN FRANKLIN and of JOHN SCOTT are evidently not adapted to the changed condition of mechanical pursuits, and no loans were made as provided by the testators.

Only \$360 is loaned to "young married artificers, etc.," under both trusts; but the income from investments is regularly reinvested. That portion of the Franklin legacy set aside in 1895 to aid in the erection of a proposed art gallery in Fairmount Park has not yet been applied to that work. The accumulating income has increased the amount to \$95,454.38.

A portion of the income from the MARY SHIELDS ALMSHOUSE FUND has been expended in fitting up a shop for the making of mattresses to be used in the Institution. Very satisfactory work is being done by the patients in the Insane Department. The results are beneficial from a medical as well as from a financial stand-point.

The attention of the Department of Charities and Correction is again called to the fact that the income from this Fund is in excess of the present expenditures, and that we should be glad of an opportunity to expend this excess in the manner prescribed in Miss Shields's will.

A detailed statement of the finances of, and the work done at, the WILLS HOSPITAL is found in the report of the Superintendent of Minor Trusts (*Appendix F*) and in the report of the SURGICAL STAFF (*Appendix G*).

The insufficiency of means hinders the work of this admirable Institution, as in previous years.

The annually increasing demands upon it cannot be met because of insufficient accommodation. The income from investments is barely sufficient for current maintenance. Our appeals for State aid have been fruitless.

Hence, the annually recurring report of the Surgical Staff: that an operating-room of more modern equipment should be constructed; that electricity should be introduced for both operating and illuminating purposes, and, above all, that the unfinished ward should be completed so that cases of contagious diseases could receive attention.

Under present conditions, these are necessarily refused admission, with great damage to the sufferers and with possible danger to the community.

Your Board is without means to meet these demands and we can but reiterate the hope that some may be found who will assume the burden of these deficiencies.

The number of new patients treated in 1898	
at Clinics was . . . . .	12,587
in the Wards . . . . .	616
Total . . . . .	<u>13,203</u>

The number of visits of patients to	
Clinics was . . . . .	<u>46,823</u>

The number of operations per-	
formed was . . . . .	<u>3,587</u>
For cataract . . . . .	<u>271</u>

Those admitted as House patients	
reside in Philadelphia . . . . .	281
" elsewhere . . . . .	<u>335</u>
Total . . . . .	<u>616</u>



The House patients are classified as follows :

	Males.	Females.	Total.
Number on January 1, 1898 . . . . .	34	11	45
Admitted 1898 . . . . .	444	172	616
	478	183	661
Discharged 1898 . . . . .	458	168	626
Remaining December 31, 1898 . . . . .	20	15	35

The discharges were as follows :

Cured . . . . .	399
Improved . . . . .	199
Unimproved . . . . .	19
Died . . . . .	1
Not treated . . . . .	8
	626

The total number of patients treated at Clinics is classified as follows :

From 47 of the 67 counties of the State . . . . .	11,465
" 11 other States . . . . .	1,122
Total . . . . .	12,587

Of those admitted as House patients, there came	
from 33 counties of the State . . . . .	513
" 7 other States . . . . .	103
Total . . . . .	616

The nativity of all the patients admitted to wards or treated at Clinics is classified as follows :

United States . . . . .	9,176
Ireland . . . . .	1,521
Germany . . . . .	805
England . . . . .	527
Russia . . . . .	410
Scotland . . . . .	124
Italy . . . . .	133
30 other countries . . . . .	507
<b>Total . . . . .</b>	<b><u>13,203</u></b>

The total income for the maintenance of the Hospital was as follows :

Interest on Mortgages, Ground Rents, etc. . . . .	\$19,331.97
Donations and Legacies . . . . .	450.00
Sundries sold . . . . .	102.55
	<u>\$19,884.52</u>

The expenditures were :

Subsistence . . . . .	\$5,961.45
Wages . . . . .	4,884.42
Sundry House Expenses . . . . .	2,841.35
Dry Goods and Furniture . . . . .	580.32
Medical Expenses and Library . . . . .	1,215.24
Miscellaneous Expenses . . . . .	585.02
Repairs . . . . .	550.15
	<u>\$16,617.95</u>

The only legacy received was the fifth instalment from the estate of George S. Pepper, deceased—\$450.

Sundry supplies were received, as named in *Appendix F*.

The question of supplying our patients with spectacles and eye-glasses has received much attention during the past year.

The number of prescriptions of this character is so large that we became satisfied that a large saving could be made by asking proposals for all. Bids were received from most of the houses engaged in this line of business, and a contract was finally made with a reliable firm.

The results have so far been highly satisfactory to both patients and hospital.

The following changes have occurred during the year in the Surgical Staff of the Hospital:

Dr. Edward Jackson resigned as attending surgeon on May 9, 1898. He had rendered able and satisfactory service to the institution since 1890.

Dr. P. N. K. Schwenk, for many years an assistant surgeon, was appointed to fill the vacancy.


Drs. S. P. Eagleton, John T. Carpenter, Jr., and Francis Rudderow resigned as assistant surgeons. These vacancies, and the one created by Dr. Schwenk's promotion, were filled by the appointment of Drs. McCluney Radcliffe, John T. Krall, James Thorington, and Walter L. Pyle.

Dr. Theo. B. Schneideman's term as assistant surgeon expired with Dr. Jackson's resignation, and Dr. T. E. Conard was appointed to fill this vacancy.

Philadelphia stands unique among municipal corporations, in the magnitude and varied purposes of the Trusts confided to it by its benevolent citizens, and the Board of Directors of City Trusts, the instrument chosen for their administration, appreciating their position and the accompanying responsibilities, hope that their management as

shown in this report will receive the approval of their fellow citizens.

In behalf of the Board of Directors of City Trusts,

A large, elegant handwritten signature in cursive script, likely belonging to Louis D'Angelo, the President of the Board of Directors of City Trusts. The signature is written in dark ink and features a prominent, sweeping flourish at the end.

*President.*

PHILADELPHIA, January 2, 1899.



# APPENDIX A.

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## REPORT OF THE SUPERINTENDENT

OF THE

## GIRARD ESTATE

FOR THE YEAR ENDING DECEMBER 31, 1898.

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### OFFICERS OF THE GIRARD ESTATE.

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#### *General.*

SUPERINTENDENT	.	.	GEO. E. KIRKPATRICK.
SOLICITOR	.	.	FRANCIS E. BREWSTER.
ARCHITECT	.	.	JAS. H. WINDRIM.

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#### *Real Estate in Schuylkill and Columbia Counties.*

ENGINEER	.	.	HEBER S. THOMPSON, Pottsville.
SOLICITOR	.	.	SAMUEL H. KAERCHER, Pottsville.
ASSISTANT SUPERINTENDENT	.	.	EMIL C. WAGNER, Girardville.
MINES INSPECTOR	.	.	JOHN B. GRANGER, Girardville.

## GIRARD ESTATE.

### SUPERINTENDENT'S REPORT FOR 1898.

*To the Board of Directors of City Trusts.*

GENTLEMEN,—A consideration of the Cash Receipts and Expenditures of the Girard Estate during the year 1898, indicates that the diminution of income brought about by the depressed condition of general business affairs, referred to in my report of one year ago, has been checked and a tendency toward better results begun. The decrease of the net income of 1898 as compared with that of 1897 is \$17,334.40—while the net income of 1897 was \$104,342.98 less than that of the previous year.

In the following tables the gross and net income of 1897 and 1898 are stated and compared :

GROSS INCOME.	1897.	1898.	INCREASE.	DECREASE.
Real Estate Outside of the City.....	\$532,855.76	\$515,038.34	.....	\$17,817.42
Real Estate Within the City.....	415,044.18	512,178.84	\$97,134.66	.....
Stocks and Loans (Residuary Fund)...	230,516.25	191,824.89	.....	38,691.36
Stocks and Loans, etc. (Del. Ave. Fund)...	50,974.10	48,179.94	.....	2,794.16
	<u>\$1,229,390.29</u>	<u>\$1,267,222.01</u>	<u>\$97,134.66</u>	<u>\$59,302.94</u>
Total increase.....	37,831.72			37,831.72
	<u>\$1,267,222.01</u>	<u>\$1,267,222.01</u>	<u>\$97,134.66</u>	<u>\$97,134.66</u>

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX A. 43

NET INCOME.	1897.	1898.	INCREASE.	DECREASE.
Real Estate Outside of the City.....	\$454,712.97	\$451,779.26	.....	\$2,933.71
Real Estate Within the City.....	256,228.06	292,592.90	\$36,364.84	.....
Stocks and Loans (Residuary Fund)...	230,486.25	188,000.75	.....	42,485.50
Stocks and Loans, etc. (Del. Ave. Fund)...	49,698.97	46,837.94	.....	2,861.03
	<u>\$991,126.25</u>	<u>\$979,210.85</u>	<u>\$36,364.84</u>	<u>\$48,280.24</u>
General Office Expenses.....	26,143.01	31,562.01	5,419.00	.....
	<u>\$964,983.24</u>	<u>\$947,648.84</u>	<u>\$30,945.84</u>	<u>\$48,280.24</u>
Net decrease.....	.....	17,334.40	17,334.40	.....
	<u>\$964,983.24</u>	<u>\$964,983.24</u>	<u>\$48,280.24</u>	<u>\$48,280.24</u>

Further analysis of these figures shows this decrease in net income to be made up of—

Reduction of Gross Income from Real Estate Out of the City.....	\$17,817 42
Reduction of Gross Income from Stocks and Loans—Residuary Fund.....	38,691 36
Reduction of Gross Income from Stocks and Loans—Delaware Avenue Fund.....	2,794 16
Increase of Expenses of Real Estate Within the City.....	60,769 82
Increased Expenditure for Premiums and Brokerage on Stocks and Loans purchased for the Residuary Fund.....	3,794 14
Increased Expenses of Delaware Avenue Fund.....	66 87
Increased Expenses of General Office.....	5,419 00
Less	<u>\$129,352 77</u>
Reduction of Expenses of Real Estate Without the City.....	\$14,883 71
Increased Gross Income from Real Estate Within the City.....	97,134 66
	<u>112,018 37</u>
Decrease of Total Net Income.....	<u>\$17,334 40</u>



The decrease in gross income from Girard Estate outside of the City of Philadelphia—\$17,817.42—is caused by a reduction of 36,214 $\frac{3}{8}$  in the tonnage of “large” coal shipped from the collieries, partially offset by an increase of 13,398 $\frac{3}{8}$  tons in the shipment of the sizes paying a lower rate of royalty.

The net income from this property is, however, only \$2,933.71 less in 1898 than in 1897; the cash expenses of 1898 being less than those of 1897 by \$14,883.71, certain extraordinary expenses paid in 1897, and specially referred to in the report for that year, not being repeated in 1898.

After protracted negotiations, arrangements have been completed for the renewal of the several colliery leases upon the Girard Estate which expire on January 1, 1899, and January 1, 1900,—for terms expiring December 31, 1913. In nearly all cases the new leases are to the parties who held those about to expire, the exception being at North Ashland Colliery, heretofore operated by the Philadelphia and Reading Coal and Iron Company, now to be leased by the Lehigh Valley Coal Company. With regard to West Bear Ridge Colliery, the conclusion has been reached that about all the coal, available under the present methods of mining and condition of the anthracite coal trade, has now been removed. This colliery has consequently been closed until changed conditions shall make it again capable of profitable working.

The mining right upon the John Blackey and Thomas Paschall Tracts has been leased for a term of fifteen years from January 1, 1899, to Mr. J. I. Hollenbeck. This mining right is that which in 1886 was leased to Mr. S. H. Barrett, but never opened up or developed by him; the location of the Shenandoah Branch of the Schuylkill Valley Railroad upon it, and the legal entanglements and complications growing out of this, having prevented mining operations and led up to a forfeiture of the lease. These difficulties have now been gotten out of the way, and we may expect to have the coal from this property sent to market at an early date.

The banks of culm from Preston No. 2 Colliery deposited between 1870 and 1885 upon the property of the Girard Estate, north of Girardville, have been leased to Messrs. Madeira, Hill & Company under an agreement running for five years from August 1, 1898. This lease succeeds one of a similar nature which was made to Mr. Benjamin D. Brown and which expired on May 1, last.

In January last the one remaining adverse occupant of the watershed of Lost Creek was dispossessed and full control of this property regained, and with it the assurance of freedom from contamination to the water supplied by the Girard Water Company to the numerous consumers in the Shenandoah and Mahanoy Valleys.

The increase in the gross revenue derived from Real Estate within the City may be attributed almost entirely to the rentals derived from the Stephen Girard Building—which in the previous year yielded practically nothing—and to the collection in 1898 of full rental from the block of stores on Market Street, two of which stood idle during a considerable portion of 1897. The cause of the large increase in expenses is to be found in the equipping and maintaining the Stephen Girard Building, for which purposes \$15,364.74 and \$53,325.16 respectively were required. A further cause of increased expenditure is the improvement of Girard Park, the preparation of which for use as a public resort, has during this year cost \$10,159.14.

The cash receipts and expenditures of the Stephen Girard Building during the year 1898, show results fully up to the estimate upon which its erection was determined.

In January of 1898 the portion of the building under lease was paying rental at the rate of \$42,576.00 per annum, forty-one and one-half per cent. upon the then scheduled rental of the entire building. At the close of the year the annual rental of the portion under lease was \$82,928.00, seventy-eight per cent. upon

the total scheduled rental at this time, this total having increased in this period from \$102,514.00 to \$106,280.00, not by reason of an advance in the rates, but by additional rental charged to tenants in consideration of sundry special improvements made at their request.

The cash collected during the year from this source was \$60,711.32, or forty-eight per cent. upon the mean scheduled rental, which may be considered quite satisfactory for a first year's business.

A number of improvements to the building have been made. A portion of the basement has been equipped as a barber-shop; a stairway has been built in the rear to provide an entrance for bicycles, a room for their storage being fitted up in the north basement; a telegraph and telephone office has been placed in the main hall; four offices on the thirteenth floor have been thrown into one and furnished for the use of the Law Library; the north side of the first floor and a portion of the basement beneath have been equipped with partitions, desks, fire-proof vaults, etc., for use as offices of the Board of Directors of City Trusts, and a meeting-room for the Board has been provided on the second floor,—southeast corner.

In addition to the above, a large amount of work has been done in fitting up and altering rooms to meet the special requirements of tenants.

A considerable expenditure has also been made on the portable equipments of the building. Thirty-four fire-proof safes have been built to lease to tenants desiring them. Directories of the most approved description have been placed upon each floor. A Law Library, numbering at this date 1497 volumes, has been furnished for the use of tenants. The list of expenditures also includes fire-extinguishers, window-shades, steel lockers, cuspidors, trucks for handling waste, a baling press to pack waste paper, and a number of articles of minor importance, the cost of which is a considerable sum when the purchases are made in the quantities here necessary.

On November 21, 1898, the general offices of the Board were removed from the Girard Bank Building on Third Street into the

location provided on the first floor of the Stephen Girard Building, where greatly improved facilities for the transaction of the business of the Girard Estate and of the Minor Trusts of the City have been provided.

Negotiations with the lessee of the building 1128-1130 Market Street were concluded in June last by the surrender of the premises, thus enabling the work of altering the buildings 1120-1142 into one large store to proceed without further delay; and by October 1 sufficient progress was made to enable the lessees, Messrs. N. Snellenburg & Company, to make use of the entire property.

This building as it now stands is one of the best equipped department stores in the city,—the first, second, and third floors being each one large room, 180 x 207 feet, and devoted by the lessee to use as retail salesrooms. A large portion of the basement is also used for this purpose. The fourth, fifth, and sixth floors, used for manufacturing purposes, wholesale salesrooms, and offices, are of the same dimensions, but divided to meet the requirements of these uses. The available floor space within this building is between five and six acres. Eight large passenger and three freight elevators are included in its equipment, and protection from fire is furnished by a complete equipment of automatic sprinklers and standard fire-shutters on the eastern front. Light, heat, power, and ventilation are furnished from the plant in the Stephen Girard Building, at a reasonable profit to the Girard Estate and a saving of expense to the lessees.

The boundary line of the Girard Estate running through the block between Eighteenth and Nineteenth Streets, north of Porter Street, has been squared, and now runs parallel to Porter Street at a distance of 136 feet north from the north line of the latter. To accomplish this squaring it was necessary to purchase about one-fifth of an acre of land from the adjoining owner,—which purchase, as well as the squaring proceedings, were approved by the Court under an order dated December 17, 1898.

The grading of the property in this vicinity has proceeded steadily through the year,—not so rapidly as we would like, but fully as rapidly as can be expected in view of the large tracts of adjacent land available as a dumping-ground, and the care with which all material other than that best suited to our purpose is excluded from the property of the Girard Estate.

The preparation for use as a public park of the block of ground lying between Twenty-first and Twenty-second Streets, Porter and Shunk Streets, has made considerable progress during the year. The surface of the tract has been graded to conform with the proposed grades of the surrounding streets; the walks and grass-plots have been laid out, a concrete curb having been placed to separate these; the cinder foundation for the walks has been put in place, and trees and shrubbery planted.

In order to obtain a supply of water for the Park it was found necessary to lay a main south on Twenty-first Street from Passyunk Avenue to Shunk Street, and west on Porter Street and on Shunk Street from Twenty-first to Twenty-second Street. As all the property on both sides of the street in front of which this pipe is laid belongs to the Girard Estate, and as a supply of water to use during the dry spell in the summer of 1898 could not otherwise have been obtained, the cost of this water-main and of its laying was paid by the Girard Estate.

It is hoped that by the opening of the summer of 1899 the grass-plots and shrubbery will be in good condition, and that by the time the Park is needed as a public resort the trees will have attained to a fair size. Nothing as yet has been done in the work of restoration of the dwelling upon this tract—except the removal of a modern addition which was in the way of the gardening work. This work of restoration will probably be taken up during the coming year.

The filling in of the low land on the farm at Girard Point has progressed steadily and satisfactorily. The dredging under the contract for widening Delaware Avenue was completed during the

summer and the supply of material from this source was cut off; but arrangements were made by which the machinery for pumping the dredged material over the bank into the meadow was allowed to remain in place, and a large quantity of such material from docks and places outside of the territory covered by the Delaware Avenue widening contract, has since been placed upon this meadow.

During the two years, 1897 and 1898, the extensive improvements to real estate under construction have made necessary the expenditure of sums of money much in excess of the ordinary.

In 1897 the amount so expended was.....	\$818,381 08
and in 1898.....	322,481 39
	<u>\$1,140,862 47</u>

while the net income from Schuylkill and Columbia Counties, the source from which funds for this purpose are usually obtained, has amounted to

1897.....	\$454,712 97
1898.....	451,779 26
	<u>906,492 23</u>

leaving to be obtained from other sources.....	\$234,370 24
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in addition to which funds have had to be obtained wherewith to meet the amount by which the expenditures for the Girard College during these two years have exceeded the net income of the Residuary Fund, from sources exclusive of the Real Estate in Schuylkill and Columbia Counties,—viz. :.....

	<u>209,244 13</u>
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making a total of.....	\$443,614 37
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which could be obtained, (the cash balance of January 1, 1897, being inconsiderable in this connection,) only by a reduction of the amount of Stocks and Loans belonging to the Residuary Fund. The result of the reduction is to be found in the reduced income derived from this source.

This income is further reduced, in comparison with previous years, by the fact that payment of the annual dividend of the Girard

Water Company—usually made in December—was, in 1898, postponed beyond the end of the year; and still further, by the presence in the statements of 1896 and 1897 of items of premiums on bonds sold,—of which there were none in 1898.

The average number of pupils maintained at Girard College during the year, December 1, 1897, to November 30, 1898, was 1508, and the cost of their maintenance during this period (the cash expenditure of the calendar year 1898) was \$324.74 per capita, made up as follows:

#### HOUSEHOLD.

Wages.....	\$49 85	
Subsistence .....	77 85	
Clothing .....	33 52	
Dry Goods.....	6 30	
Furniture.....	6 51	
Repairs.....	15 69	
Grounds.....	4 75	
Lighting.....	4 35	
Fuel .....	17 42	
Water Rent.....	58	
Cadets .....	3 62	
Salaries.....	21 48	
Incidentals.....	8 75	\$250 67

#### INFIRMARY.

Salaries.....	\$3 25	
Maintenance .....	4 75	8 00

#### INSTRUCTION.

Salaries.....	\$45 09	
Books, Stationery, etc.....	5 05	
Chemical Laboratory.....	34	
School and Chapel Furniture.....	82	
School and Philosophical Apparatus...	32	
<i>Carried forward</i> .....	\$51 62	\$258 67

<i>Brought forward</i> .....	\$51 62	\$258 67
Department of Natural History.....	65	
Library Books and Binding.....	47	
		52 74
<b>MECHANICAL INSTRUCTION.</b>		
Salaries .....	\$8 14	
Incidentals, Supplies, etc.....	2 60	
		10 74
<b>ADMISSION, DISCIPLINE, ETC.</b>		
Salaries and Expenses .....	\$2 09	
Rewards and Premiums.....	50	
		2 59
		<u>\$324 74</u>

The Fire Insurance Fund has suffered no loss during this year. Its total assets now amount to \$32,441.29. The total of the risks being carried is \$1,317,100. Both of these figures will, however, be reduced early in 1899, it being determined that a risk of \$500,000 upon the Stephen Girard Building, which has been carried pending negotiations with outside insurance companies, shall be very materially reduced; satisfactory arrangements for this outside insurance having been made which will be put into effect early in 1899.

The expenditure upon the widening of Delaware Avenue, of a considerable portion of the accumulated income of the Fund for the Improvement of the Eastern Front of the City—which heretofore had been kept invested and yielding a revenue—has naturally caused a decrease in the income of this Fund. The sum thus expended up to this date is \$265,657.87.

The progress made during the year upon the improvements on the eastern front of the City, while not such as the terms of the several agreements would lead us to expect, has been sufficient to show gratifying results and already to yield a return in the increased facilities for the transaction of business and a marked improvement in the appearance of the street and abutting structures. The



report of Mr. John A. Bensel, the Engineer representing the interests of the Girard Estate in the construction of the improvements, gives a more full account of the work and of the progress made, and is appended hereto.

A general idea of the improvement may be obtained from the photograph which has been reproduced for insertion with the report of Engineer Bensel (page 70), and which shows, on the left, paved and in use, the avenue as it existed prior to the widening, and on the right, unpaved and in rough condition, the portion which is now being added; while on the extreme right are shown the western fronts of several of the pier structures which have recently been erected.

The figures named in the report of Engineer Bensel refer to work done up to and including December 31, 1898, while those in the body of my report refer to cash payments made up to that date,—the difference between the two being caused by the fact that, in the regular conduct of our business, work done during any month is not paid for until the next, and that consequently the work done in December, 1898, and included in the 1898 report of the Engineer, will be a part of my statement of the cash expenditures during the year 1899, and not of that for the year 1898.

The routine work of lighting, cleaning, and repairing the public streets in the eastern part of the old City of Philadelphia has been carried on as usual, \$12,433.51 having been expended in this manner.

Four wooden buildings have been removed from the territory covered by the old City of Philadelphia, at a cost to the Girard Estate of \$200.00.

The increase in the expenses in the General Office is caused by the purchase of furniture and sundry supplies necessary in the fitting up of the new offices of the Board in the Stephen Girard Building.

On December 30, 1898, the Hon. F. Carroll Brewster, who, for nearly thirty years, had been in charge of the legal interests of the Girard Estate, having been appointed Solicitor at a meeting held shortly after the creation of your Board ;—died. His earnest devotion to the duties of that office and the unexcelled ability shown in the services rendered, are well known to all cognizant of the history of the Estate. In practically all of the many transactions of which the management of the Estate is made up, his hand can be seen, his careful guidance and deep wisdom are made manifest. All these, whether great or trivial, alike received his prompt and earnest attention, appropriate and unfaltering action. Though firm, he was always kind and courteous. Fearless, implacable, and unswerving when met with opposition in what he deemed to be the cause of right and justice, yet gentle, merciful, and generous to the weak and helpless ; he will long remain loved and respected in the memories of those of us who knew him best.

Statements showing the invested capital and cash receipts and payments of the several divisions of the Girard Estate are appended hereto.

Very respectfully,

GEORGE E. KIRKPATRICK,

*Superintendent Girard Estate.*

December 31, 1898.

## GIRARD ESTATE.

### RESIDUARY FUND,

FOR THE MAINTENANCE AND EXTENSION OF GIRARD COLLEGE.

### REAL ESTATE, STOCKS, AND LOANS.

COMPOSING INVESTED CAPITAL,

December 31, 1898.

#### REAL ESTATE.

Girard College, Ground, and Buildings (approximate cost).....	\$3,350,000 00
Banking Houses, Dwellings, Stores, Wharves, and Farms in the City of Philadelphia; assessed valuation for 1898.....	5,787,100 00
Real Estate in Schuylkill and Columbia Counties, Pennsylvania, about 18,000 acres; assessed valuation for 1898.....	<u>1,713,743 00</u>
<i>Amount carried forward.....</i>	<i>\$10,850,843 00</i>

*Amount brought forward*.....\$10,850,843 00

## STOCKS AND LOANS.

	Par Value.
663 Shares of Stock, Chesapeake and Delaware Canal Co. ....	\$33,150 00
Bond, Ridge Turnpike Co. ....	10,000 00
1 Share Stock, Susquehanna and Lehigh Turnpike Co. ....	100 00
State of Pennsylvania 4 per cent. Loan .....	31,000 00
State of Pennsylvania 3½ per cent. Loan .....	17,000 00
Allegheny County 5 per cent. Loan...	4,000 00
“ “ 4 “ “ ...	32,000 00
Schuylkill County 3 “ “ ...	20,000 00
City of Philadelphia 3 “ “ ...	30,000 00
“ “ 3½ “ “ ...	326,100 00
“ “ 4 “ “ ...	945,650 00
“ “ 6 “ “ ...	457,500 00
City of Pittsburgh 4 “ “ ...	10,000 00
“ “ 5 “ “ ...	44,000 00
“ “ 7 “ “ ...	2,500 00
Girard Water Company Stock.....	199,700 00
Reading Co., and Philadelphia and Reading C. & I. Co.'s General Mortgage 4 per cent. Bonds.....	6,000 00
Reading Co. First Preferred Stock...	650 00
“ “ Second “ “ ...	21,250 00
“ “ Common “ “ ...	34,000 00
Bonds and Mortgages on Real Estate	2,227,900 00
Ground Rents.....	230,000 00
	<u>4,682,500 00</u>
TOTAL INVESTED CAPITAL OF RESIDUARY FUND..	<u><u>\$15,533,343 00</u></u>

CASH RECEIPTS AND EXPENDITURES OF THE RESIDUARY FUND  
FROM JANUARY 1, 1898, TO DECEMBER 31, 1898, INCLUSIVE.

RECEIPTS.

*Real Estate without the City of Philadelphia.*

Rents and Royalties from Collieries....	\$503,764	21	
Sale of Timber.....	1,928	83	
Rent of Real Estate, etc.....	5,469	82	
Rent of Water-Pipe Lines.....	3,000	00	
Sale of Surface Right of Lots.....	540	08	
Interest on deferred Payments for the same.....	335	40	
			<u>\$515,038 34</u>

*Real Estate in the City of Philadelphia.*

Rent of Real Estate.....	\$499,722	50	
Miscellaneous Receipts, City.....	12,456	34	
			<u>512,178 84</u>

*Stocks and Loans.*

Interest, United States Loan.....	\$1,500	00	
“ Philadelphia City Loan.....	74,881	50	
“ Pennsylvania State “ .....	1,835	00	
“ Pittsburgh City “ .....	2,775	00	
“ Allegheny County “ .....	1,480	00	
“ Schuylkill County “ .....	600	00	
“ Mortgage Loans .....	98,938	39	
“ Reading Co., and P. & R. C. & I. Co.'s Bonds.....	240	00	
Ground Rents.....	9,575	00	
			<u>191,824 89</u>
<i>Amount carried forward.....</i>	<i>\$1,219,042</i>	<i>07</i>	

RECEIPTS.—RESIDUARY FUND.—*Continued.*

<i>Amount brought forward</i> .....	\$1,219,042 07	
Sale of waste material, Girard College	\$1,399 78	
Temporary Loan to Girard Water Company, returned.....	6,200 00	
Advances to Wards' Estates, returned	197 15	
United States Loan, matured.....	50,000 00	
Mortgages, principal collected.....	134,450 00	
	<u>192,246 93</u>	
TOTAL RECEIPTS, RESIDUARY FUND.....	<u>\$1,411,289 00</u>	

## EXPENDITURES.—RESIDUARY FUND, ESTATE.

*Real Estate without the City of Philadelphia.*

Taxes.....	\$43,275 11	
Refunded by Lessees..	12,101 90	
	<u>\$31,173 21</u>	
Expenses Water-Pipe Lines.....	1,245 75	
Forest-Tree Culture.....	645 29	
Miscellaneous Expenses.....	9,397 58	
Repairs, etc., to Real Estate.....	1,658 11	
Farm Improvements, Catawissa Valley	2,779 14	
Salaries.....	16,360 00	
	<u>\$63,259 08</u>	

*Real Estate in the City of Philadelphia.*

Taxes.....	\$102,214 45	
Water Rents.....	5,398 00	
General Repairs.....	\$29,027 86	
Collected from Tenants on account of Repairs.....	1,125 57	
	<u>27,902 29</u>	
<i>Amount carried forward</i> .....	\$135,514 74	\$63,259 08

EXPENDITURES.—RESIDUARY FUND, ESTATE.—*Continued.*

<i>Amount brought forward.....</i>	\$135,514 74	\$63,259 08
Wages, Stephen Girard Building.....	\$20,891 46	
Supplies Stephen Girard Building.....	\$20,922 38	
Less Amount collected from Tenants.....	645 96	
	<u>20,276 42</u>	
Fuel.....	9,585 28	
Salaries.....	5,416 40	
Law and Miscellaneous Expenses.....	24,022 99	
Insurance rebates, etc.	6,280 49	
	<u>17,742 50</u>	
Improvement of Girard Park.....	10,159 14	
	<u>219,585 94</u>	
Grading Farm, No. 11.....	\$484 17	
Grading Lots, 18th and Porter Streets	490 50	
Erection of Stephen Girard Building	135,291 24	
Extension of Power Plant, Stephen Girard Building.....	37,195 41	
Alteration of Buildings 1120-1142 Market Street.....	147,179 46	
Sundry Permanent Improvements.....	<u>1,840 61</u>	
		<u>322,481 39</u>

*Stocks and Loans.*

Expenses of Investment.....	\$57 60	
Premium on Bonds purchased.....	<u>3,766 54</u>	
		<u>3,824 14</u>
<i>Amount carried forward.....</i>		\$609,150 55

EXPENDITURES.—RESIDUARY FUND, ESTATE.—*Continued.**Amount brought forward*..... \$609,150 55*General Office Expenditures.*

Salaries.....	\$21,328 03	
General Expenses.....	11,438 48	
	<u>\$32,766 51</u>	
Amount charged Delaware Avenue Fund as its share of the General Office Expenses.....	1,204 50	31,562 01
Expenditures account Wards' Estates	149 35	
Additional Advance to Superinten- dent's Petty Cash Fund.....	2,000 00	
Temporary Loan Girard Water Co....	6,200 00	
	<u>8,349 35</u>	

*Investments and Reinvestments.*

Bonds and Mortgages.....	\$54,000 00	
Philadelphia City 3½ per cent. Loan	70,000 00	
Philadelphia City 6 per cent. Loan...	4,300 00	
Purchase of 422 North Sixth Street (foreclosure of Mortgage).....	566 53	
	<u>128,866 53</u>	
TOTAL EXPENDITURES FOR RESIDUARY FUND, ESTATE	<u>\$777,928 44</u>	

## EXPENDITURES.—GIRARD COLLEGE.

*Household.*

Wages.....	\$75,175 56
Subsistence.....	117,395 89
Clothing .....	50,552 68
Dry Goods.....	9,493 67
Furniture.....	9,822 31
Repairs.....	23,662 96
Grounds.....	7,156 16
Lighting .....	6,556 73

*Amount carried forward* .....\$299,815 96



EXPENDITURES.—GIRARD COLLEGE.—*Continued.*

<i>Amount brought forward.....</i>	\$299,815 96	
Fuel.....	26,261 80	
Water Rent .....	874 38	
Laundry Supplies.....	5,453 87	
Salaries.....	32,391 16	
Incidentals.....	13,202 17	
		\$377,999 34
<i>Infirmary.</i>		
Salaries.....	\$4,900 00	
Maintenance.....	7,170 33	
		12,070 33
<i>Instruction.</i>		
Salaries.....	\$67,994 16	
School-Books and Stationery.....	7,607 92	
Chemical Laboratory.....	514 54	
School Furniture .....	1,243 74	
School and Philosophical Apparatus..	488 46	
Department of Natural History.....	975 95	
Library, Books and Binding.....	713 28	
		79,538 05
<i>Mechanical Instruction.</i>		
Salaries.....	\$12,268 00	
Supplies, etc.....	3,926 65	
		16,194 65
<i>Admission, Discipline, etc.</i>		
Salaries.....	\$2,400 00	
Expenses of Admission.....	757 35	
Rewards and Premiums.....	755 68	
		3,913 03
<i>Extraordinary.</i>		\$489,715 40
Extension of Infirmary Building.....	\$66,460 07	
Furnishing new Infirmary Building...	1,718 46	
		68,178 53
TOTAL EXPENDITURES FOR GIRARD COLLEGE..		<u>\$557,893 93</u>

## RECAPITULATION.—RESIDUARY FUND.

## RECEIPTS.

Real Estate out of City	\$515,038 34	
Expenses.....	63,259 08	
	<u>          </u>	\$451,779 26
Real Estate in the City	\$512,178 84	
Expenses.....	219,585 94	
	<u>          </u>	292,592 90
Stocks and Loans.....	\$191,824 89	
Expenses.....	3,824 14	
	<u>          </u>	188,000 75
General Office Expenses.....		\$932,372 91
		<u>          </u> 31,562 01
Net Income, Residuary Fund.....		\$900,810 90
Principal of investments collected, Sale of waste material, and Temporary Loans returned.....		192,246 93
<i>Cash Balance, January 1, 1898.....</i>		<u>          </u> 16,486 90
		<u>          </u> \$1,109,544 73

## PAYMENTS.

Girard College Expenses, Ordinary.....	\$489,715 40	
Girard College Expenses, Extraordinary	68,178 53	
	<u>          </u>	\$557,893 93
Advances to Superintendent's Petty Cash Fund, and Temporary Loans..	8,349 35	
Permanent Improvements to Real Estate in Philadelphia.....	322,481 39	
Investments and Reinvestments, Mortgages, etc.....	128,866 53	
	<u>          </u>	1,017,591 20
<i>Cash Balance, December 31, 1898.....</i>		<u>          </u> \$91,953 53

## FIRE INSURANCE FUND.

ESTABLISHED IN DECEMBER, 1892, TO TAKE THE PLACE OF CANCELLED FIRE INSURANCE POLICIES UPON CERTAIN SELECTED BUILDINGS.

### *Invested Capital, December 31, 1898.*

Bonds and Mortgages.....	\$27,300 00
Philadelphia City Loan.....	2,400 00
Deposit in Western Saving Fund.....	929 56
	<hr/>
Total.....	\$30,629 56
	<hr/> <hr/>

### CASH RECEIPTS AND EXPENDITURES FROM JANUARY 1, 1898, TO DECEMBER 31, 1898, INCLUSIVE.

#### RECEIPTS.

Annual Premiums.....	\$2,806 50	
Interest, Bonds and Mortgages.....	1,186 00	
	<hr/>	\$3,992 50
<i>Cash Balance, January 1, 1898.....</i>		2,414 59
		<hr/>
		\$6,407 09

#### EXPENDITURES.

Investments .....	\$4,400 00	
Commission and Expenses of Investment	195 36	
	<hr/>	4,595 36
<i>Cash Balance, December 31, 1898.....</i>		\$1,811 73
		<hr/> <hr/>

FUND FOR THE IMPROVEMENT OF THE DELAWARE  
FRONT OF THE CITY,  
REMOVAL OF WOODEN BUILDINGS, ETC.

STOCKS AND LOANS APPROPRIATED BY THE EXECUTORS OF STEPHEN  
GIRARD'S WILL FOR THE IMPROVEMENT OF THE DELAWARE FRONT  
OF THE CITY, ETC., WITH SUBSEQUENT INVESTMENTS AND RE-  
INVESTMENTS.

*December 31, 1898.*

		Par Value.
22 Shares Stock, Insurance Co. State of Pennsylvania.....		\$4,400 00
State of Pennsylvania 3½ per cent. Loan.....		5,000 00
City of Philadelphia 3 per cent. Loan...	\$20,000 00	
“ “ 3½ “ “ ...	50,000 00	
“ “ 4 “ “ ...	246,400 00	
“ “ 6 “ “ ...	188,700 00	
	<hr/>	505,100 00
City of Pittsburgh 4 per cent. Loan...	\$5,300 00	
“ “ 4½ “ “ ...	26,000 00	
“ “ 5 “ “ ...	12,000 00	
“ “ 7 “ “ ...	3,000 00	
	<hr/>	46,300 00
Reading Co. Second Preferred Stock...	\$350 00	
“ “ Common Stock.....	900 00	
	<hr/>	1,250 00
Bonds and Mortgages upon Real Estate		390,200 00
		<hr/>
TOTAL .....		<u>\$952,250 00</u>

CASH RECEIPTS AND EXPENDITURES OF THE FUND FOR THE IMPROVEMENT OF THE DELAWARE FRONT OF THE CITY, ETC., FROM JANUARY 1, 1898, TO DECEMBER 31, 1898, INCLUSIVE.

RECEIPTS.

Interest, Philadelphia City Loan.....	\$24,322 00	
“ Pittsburgh City “ .....	2,192 00	
“ Pennsylvania State “ .....	175 00	
“ Mortgage Loans.....	18,723 94	
Dividend, Insurance Co. State of Penna.	264 00	
Rent of Electrical Duct, Front Street....	190 00	
Premiums on Bonds Sold.....	2,313 00	
		\$48,179 94
Philadelphia City Loan matured.....	\$40,300 00	
Pittsburgh 4½ per cent. Bonds matured..	2,000 00	
Mortgages, principal collected.....	47,500 00	
		89,800 00
<b>TOTAL RECEIPTS.....</b>	<b>\$137,979 94</b>	

EXPENDITURES.

Salaries.....	\$1,155 00	
Widening Delaware Avenue.....	263,465 16	
Street Repairs.....	136 80	
“ Cleaning.....	4,989 96	
“ Lighting.....	6,091 85	
Incidentals.....	59 90	
		\$275,898 67
Removal of Wooden Buildings.....		200 00
Premium on Bonds purchased.....	\$102 00	
Expenses of Investment.....	35 50	
Proportion of General Expenses charged from Residuary Fund.....	1,204 50	
		1,342 00

INVESTMENTS AND REINVESTMENTS.

Philadelphia City 6 per cent. Loan.....	\$10,200 00	
Mortgage Loans.....	30,000 00	
		40,200 00
<b>TOTAL EXPENDITURES.....</b>	<b>\$317,640 67</b>	

RECAPITULATION, FUND FOR THE IMPROVEMENT  
OF THE DELAWARE FRONT OF THE CITY, ETC.

---

RECEIPTS.

Income from Investments.....	\$48,179 94	
Expenses.....	1,342 00	
	<hr/>	\$46,837 94
Principal of Investments, collected.....	89,800 00	
<i>Cash Balance, January 1, 1898.....</i>	<i>191,168 92</i>	
		<hr/>
		\$327,806 86

EXPENDITURES.

Expenses, Delaware Front of City.....	\$275,898 67	
Removal of Wooden Buildings.....	200 00	
Investments and Reinvestments... ..	40,200 00	
	<hr/>	316,298 67
<i>Cash Balance, December 31, 1898.....</i>	<i>\$11,508 19</i>	
		<hr/>

GEORGE E. KIRKPATRICK,  
*Superintendent Girard Estate.*

STEPHEN GIRARD BUILDING,  
21 S. TWELFTH STREET, PHILADELPHIA,  
*December 31, 1898.*

REPORT OF THE CONSULTING ENGINEER, REPRESENTING THE GIRARD ESTATE IN THE  
WIDENING OF DELAWARE AVENUE.

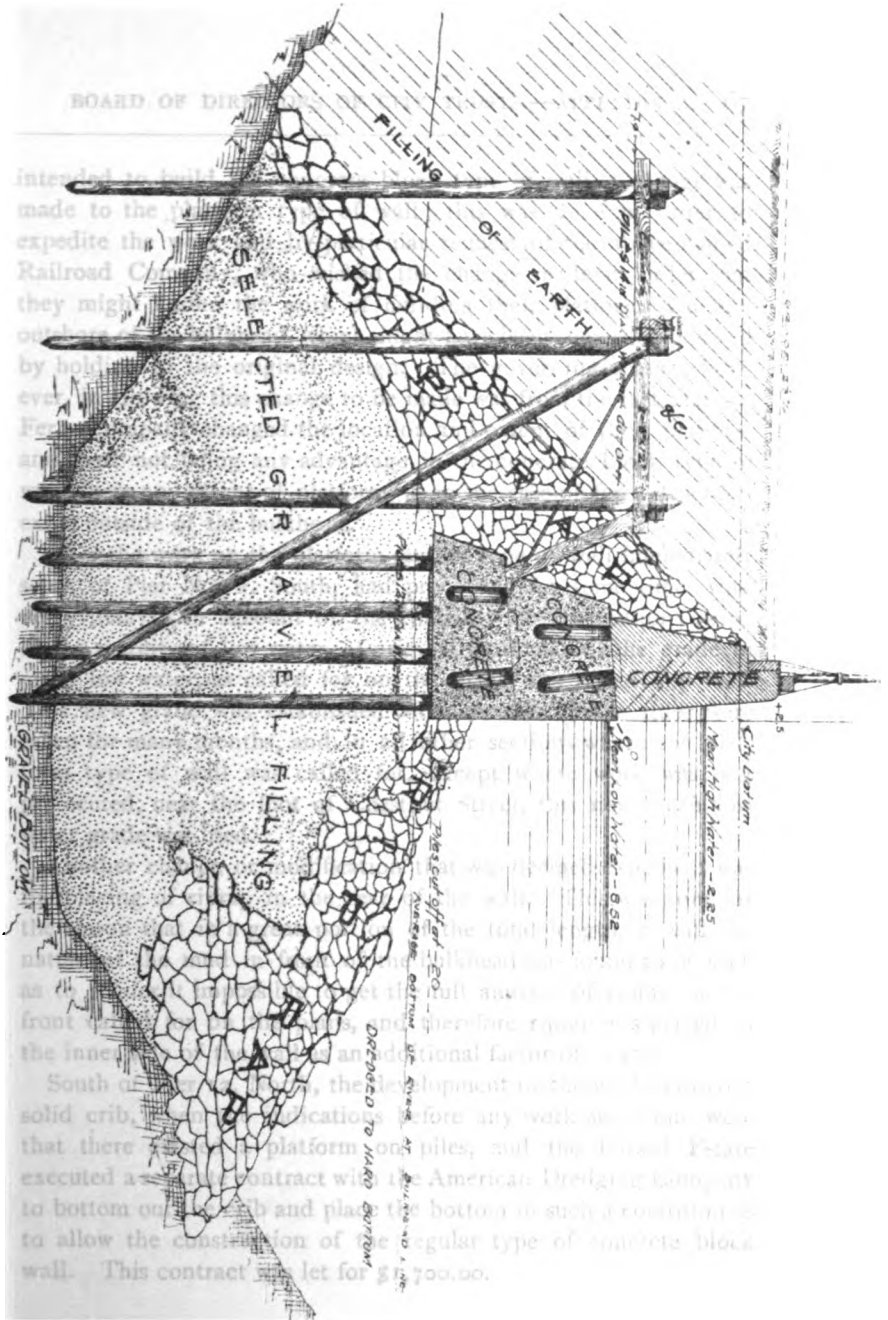
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31st December, 1898.

GEORGE E. KIRKPATRICK, ESQ.,  
*Superintendent Girard Estate.*

DEAR SIR,—I beg to submit the following report in relation to the work of building the bulkhead wall along Delaware Avenue and the work of making the necessary changes in the sewer appertaining to same. These contracts, which were let by the Director of Public Works in 1897, were commenced in October, 1897, in a formal way, and active operations were begun about January 1, 1898. The work was divided into three separate contracts, known as Contracts Nos. 5, 6, and 7,—Nos. 5 and 6 being for the change and addition to the sewer north and south of Market Street, on Delaware Avenue, and on the cross streets in the immediate vicinity, and No. 7 for the building of the bulkhead wall between Vine and South Streets, the filling in the rear of same, the paving of the newly made land between the old and new bulkheads, and the carrying out of the sewer from the old bulkhead line to the outer pierhead line.

These three contracts were awarded to the lowest bidder, Contractor Daniel J. McNichol, of Philadelphia. The contracts were let on the basis of unit prices for the various specified items of the contracts, and the lowest bidder was found by applying the unit prices to the quantities according to the Engineer's estimate of these quantities. On this basis it was estimated that the work to be done under these contracts should cost about \$508,000.00. Small changes have been made from the plan as originally drawn, owing to the discovery, as the work progressed, of somewhat different conditions than was supposed existed. The changes were about as follows: South of Chestnut Street and in front of the Philadelphia and Reading Ferry Station, where it was originally



**DELAWARE AVENUE BULKHEAD—TYPICAL CROSS SECTION—CONCRETE BLOCK TYPE.**





intended to build the concrete block type of wall, a change was made to the platform type of wall; this was done in order to expedite the work and by particular request of the above-named Railroad Company, who wished the change made in order that they might hasten the work of building their platform structure outshore of the bulkhead, which might have been somewhat delayed by holding to the original design. The governing reason, however, in allowing this change to be made was from the fact that the Ferry Company changed the location and extent of their platform and there not being any advantage in the concrete block type of wall where any extent of platform, as in the case of ferry structure, exists outside of the bulkhead.

After the work on the platform section type of wall immediately south of Pier No. 2, South, had proceeded for some time, with many delays, on account of the difficulty of prosecution owing to the scarcity of low water, as originally calculated, the grade of mean low water, as called for on the plans, was raised one foot. This new grade was established after records of the tides were taken for many months, and in all other sections where the platform type of wall was called for, except where work was first prosecuted, near the foot of Chestnut Street, this new mean low water grade was used.

Another change or modification that was deemed expedient was the placing of riprap in the rear of the wall. This was done for the reason that in a great portion of the total length of wall the nature of the mud in front of the bulkhead was found to be such as to render it impossible to get the full amount of riprap in the front called for on the plans, and therefore riprap was placed on the inner side of the wall as an additional factor of safety.

South of Pier 12, North, the development of the work showed a solid crib, when the indications before any work was done were that there existed a platform on piles, and the Girard Estate executed a separate contract with the American Dredging Company to bottom out the crib and place the bottom in such a condition as to allow the construction of the regular type of concrete block wall. This contract was let for \$1,700.00.

The above are all the changes that were required to be made from the original plans and specifications, except a few minor ones in the details of construction that made no appreciable difference in the estimated quantities.

With the widening of Delaware Avenue it was deemed proper to include the carrying out to the pierhead line all the sewers formerly discharging into the river at the old bulkhead line. This was done under Contract No. 7, by building a stave barrel sewer from the new bulkhead out under the pier wherever the sewers occurred and arranging to discharge the sewage at the outer ends of these piers, the outlet being so arranged as to have a water seal except at low water.

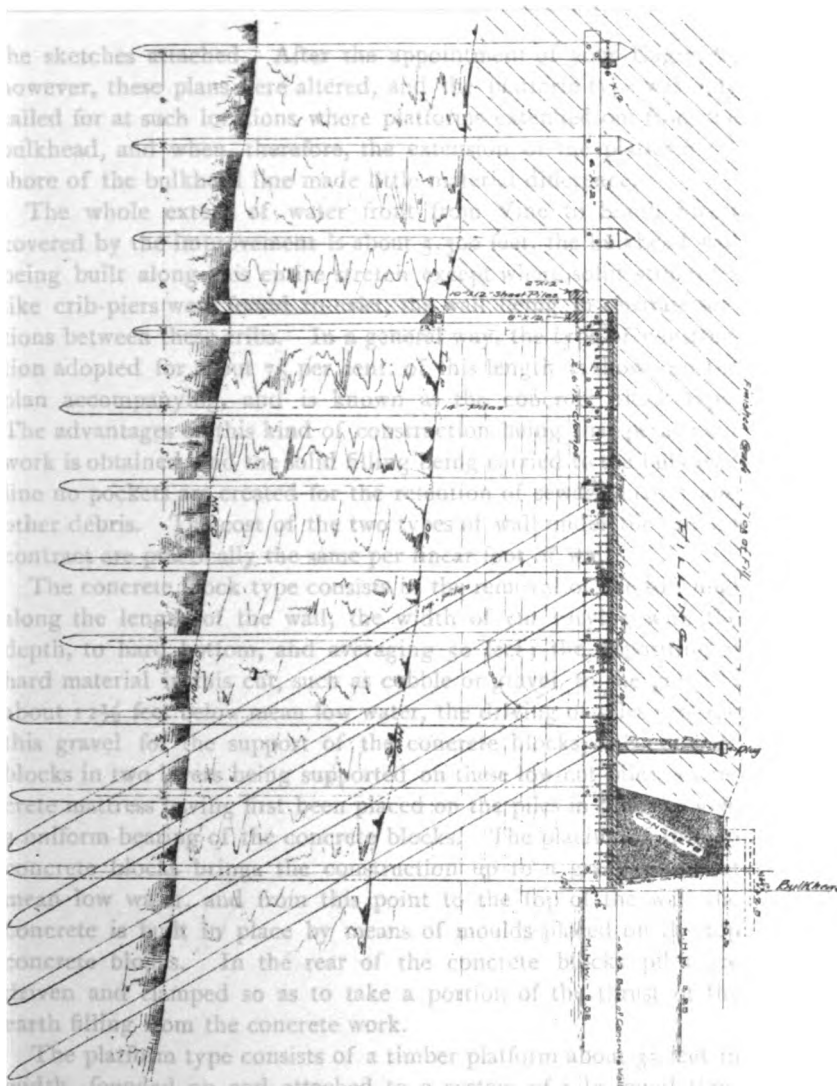
The carrying out of these sewers made it necessary to make an entire rearrangement of the sewer system both for Delaware Avenue between Vine and South Streets and on the streets intersecting this avenue. Contracts Nos. 5 and 6, which call for this rearrangement of the sewers, included the necessary work on all the sewers south-erly of the old bulkhead (easterly of this old bulkhead the work for the sewers being called for under Contract No. 7). All the work called for in the sewer contracts has been completed, the total expenditure amounting to \$38,644.34.

The work comprised the building of about 4550 linear feet of brick barrel sewer, relining of about 225 linear feet of old sewer, and the placing of about 2417.7 linear feet of vitrified drain-pipe, also the building of the necessary junctions, man-holes, lintels, well-holes, and the necessary concrete and rubble masonry.

No serious difficulty was encountered in the prosecution of this work, and although it dragged to some extent and was not finished until one hundred and fifty-three days after the date when it was to be completed, according to the terms of the contract, the work was, however, prosecuted so as to be of little hindrance to proper use of the street.

The plans for the bulkhead wall between Vine and South Streets were originally drawn by the City Authorities contemplating the style of construction known as the platform type, and shown in

DELAWARE AVENUE BULKHEAD—TYPICAL CROSS SECTION—PLATFORM TYPE.





the sketches attached. After the appointment of your Engineer, however, these plans were altered, and the platform type was only called for at such locations where platforms extended out from the bulkhead, and when, therefore, the extension of the platform in-shore of the bulkhead line made little material difference.

The whole extent of water front from Vine to South Street covered by the improvement is about 5,300 feet, the bulkhead wall being built along this entire stretch except where solid structures like crib-piers were found to exist, the wall being in separate sections between these cribs. In a general way, the type of construction adopted for about 75 per cent. of this length is shown on the plan accompanying, and is known as the concrete block type. The advantages of this kind of construction being that permanent work is obtained, and the solid filling being carried to the bulkhead line no pockets are created for the retention of sewage matter and other débris. The cost of the two types of wall under the present contract are practically the same per linear foot of wall.

The concrete block type consists in the removal of the soft mud along the length of the wall, the width of cut varying with the depth, to hard bottom, and averaging 50 feet; the depositing of hard material in this cut, such as cobble or gravel, to the grade of about  $12\frac{1}{2}$  feet below mean low water, the driving of piles through this gravel for the support of the concrete blocks, the concrete blocks in two layers being supported on these low-cut piles, a concrete mattress having first been placed on the piles in order to give a uniform bearing of the concrete blocks. The placing of the top concrete blocks brings the construction up to a grade of about mean low water, and from this point to the top of the wall the concrete is built in place by means of moulds placed on the top concrete blocks. In the rear of the concrete blocks piles are driven and clamped so as to take a portion of the thrust of the earth filling from the concrete work.

The platform type consists of a timber platform about 35 feet in width, founded on and attached to a system of pile foundation, the platform and all timber being kept as near to low water as is practicable. On this timber platform is built a concrete wall from

a point about 2 feet 6 inches above mean low water to the grade of the street. On account of there being no dredging required for this type of wall it is well adapted to be built where platforms occur outshore of the bulkhead line.

As before stated, although the work on the bulkhead wall was begun in a perfunctory way in October, 1897, the actual work did not commence until January 1, 1898. From this latter date the work has been actively pursued, and at the present time, although payment has only been made to the amount of about 60 per cent. of the total calculated expenditure, the work is completed in all of the difficult items, and the work remaining will admit of rapid completion as soon as the weather will allow, consisting as it does principally of earth filling, paving the newly made land, and the placing of concrete in mass.

The total expenditure authorized to date of January 1, 1899, under Contract No. 7 with D. J. McNichol amounts to \$264,635.44, and out of this, in accordance with the terms of the contract, 10 per cent. has been retained until the completion of the work.

The only section along the extent of the improvement where no work has been done exists in the vicinity of Dock Street, where, as previously reported, the condition of the water front having been changed by the Pennsylvania Railroad Company by permission of the State authorities and without the approval of the City, the contractor has refused to prosecute the work without extra compensation, and the indications are at present that the work at this locality will have to be finished by other means than by the present contractor.

Delaware Avenue is actually widened, the filling placed, and the widened avenue in use for about 30 per cent. of the entire length of improvement, situated north and south of the foot of Market Street, and the photograph accompanying this report gives an excellent idea of the extent of this improvement.

The old width of Delaware Avenue was totally inadequate to the proper commercial use of this exterior street, and the improvement made by the Girard Estate will be appreciated not only by those directly concerned in the maritime trade of the city but also by



WIDENING OF DELAWARE AVENUE. VIEW NORTH FROM MARKET STREET.  
(CONDITION OF THE WORK OCTOBER 10, 1898.)





the whole city, which will be directly benefited by the development of the port facilities of Philadelphia. A casual inspection of the line of this improvement will show not only the improvement made by the Girard Estate, but also, as is usually the case, that this improvement has stimulated the private owners of wharves to make extensive improvements, and thus the net gain to the city is much greater than the expenditure of the funds due to the bounty of Stephen Girard and the management of the Directors of City Trusts would imply.

The expenditure to date and calculated to complete the work is as follows :

	VALUE OF WORK DONE TO DEC. 31ST, 1898.	ESTIMATED COST TO FINISH.	TOTAL.
Daniel J. McNichol, bulkhead, grading, paving etc.....	\$264,635.44	\$193,261.84	\$457,897.28
Daniel J. McNichol, sewers.....	38,652.84	Finished.	38,652.84
American Dredging Co., special work on bulkhead.....	1,700.00	Finished.	1,700.00
D. and P. McNichol, special paving.....		1,500.00	1,500.00
	<u>\$304,988.28</u>	<u>\$194,761.84</u>	<u>\$499,750.12</u>

Very respectfully,

J. A. BENSEL,

*Consulting Engineer Girard Estate.*

NOTE.—The calculated expenditure above, "to finish," includes the amount of \$21,305.00 at the Dock Street section, where no work has been done to date.



## APPENDIX B.

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# REPORT OF THE ENGINEER

OF THE

# GIRARD ESTATE

IN

SCHUYLKILL AND COLUMBIA COUNTIES, PENNSYLVANIA,

FOR THE YEAR 1898.

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### OFFICERS.

ENGINEER . . . . .	HEBER S. THOMPSON, Pottsville.
SOLICITOR . . . . .	SAMUEL H. KAERCHER, Pottsville.
ASSISTANT SUPERINTENDENT .	EMIL C. WAGNER, Girardville.
MINE INSPECTOR . . . . .	JOHN B. GRANGER, Girardville.

ANNUAL REPORT  
OF THE  
ENGINEER OF THE GIRARD ESTATE, 1898.

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MESSRS. JOHN H. CONVERSE, JOHN H. MICHENER, ALEXANDER BIDDLE, JOHN K. CUMING, DALLAS SANDERS, EDWIN S. STUART, WENCEL HARTMAN, LOUIS WAGNER, *Committee on the Girard Estate without the City of Philadelphia.*

GENTLEMEN :

THE mining operations ever since they were first entered upon in 1862 have been the most interesting and valuable feature of the Girard Estate's business in Schuylkill and Columbia Counties.

These operations have grown with the growth of the anthracite production of the State of Pennsylvania, and in sympathy with the production of the State they have at times gone backward and recovering again have succeeded in holding their place. The rapid extension of the use of bituminous coal of recent years has checked the growth of the anthracite production but has not compelled any recession of the anthracite tonnage. The abundance and great area of bituminous coal, the ease and thoroughness with which it may be mined, the absence from it of the expense and loss sustained by anthracite in preparation for market and the greatly reduced rates of transportation conceded to it by the public carrying companies, have all contributed to give it a lead which anthracite can never expect to overcome. The special advantages possessed by

anthracite, its cleanness in handling and the absence of soot and smoke and consequent special cleanness in domestic use, give it an advantage which will ever prevent any great reduction from its present rate of production.

The tonnage sent to market of anthracite coal from the State of Pennsylvania in 1898 was 41,899,744 tons, which is a slight increase over that in 1897.

The production shipped to market from the Girard Estate in this year was 1,201,184 $\frac{7}{8}$  tons, falling below the production of the previous year by 22,815 $\frac{1}{8}$  tons.

As in the previous year, the collieries were operated but half time for the first six months of the year, but little more in the third quarter and full time for the last three months only. Three collieries made shipments greater than in the year preceding, Hammond, Packer No. 2 and Packer No. 3 Collieries. The amount of the increase and of the decrease of each colliery in comparison with the previous year is shown in the following table:

TABLE SHOWING QUANTITY OF COAL SHIPPED TO MARKET BY EACH COLLIERY IN 1898, AND ITS INCREASE OR DECREASE IN COMPARISON WITH THE YEAR PRECEDING.

COLLIERY.	PRODUCTION.				Increase above 1897.		Decrease below 1897.		Net Decrease.	
	1898.		1897.							
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
William Penn.....	205,021	08	231,661	00			26,639	12		
Packer No. 3.....	168,687	01	152,738	11	15,948	10				
Packer No. 2.....	140,958	14	89,622	02	51,336	12				
Packer No. 4.....	140,716	11	147,668	15			6,952	04		
Hammond.....	131,991	16	121,255	02	10,736	14				
North Ashland.....	85,034	12	104,735	17			19,701	05		
East Bear Ridge.....	84,109	01	104,859	06			20,750	05		
Packer No. 5.....	83,324	11	98,477	19			15,153	08		
Kehley's Run.....	69,313	19	81,106	18			11,772	19		
West Bear Ridge.....	57,979	01	73,982	16			16,003	15		
Girard Washery.....	34,027	13	17,891	11	16,136	02				
Raven Run Washery.....										
Continental.....										
Total.....	1,201,184	07	1,223,999	17	94,157	18	116,973	08		
Decrease below production of 1897.....									22,815	10

The coal shipped to market, paying  
 royalty, was..... 1,201,184 $\frac{7}{8}$  tons.  
 The coal consumed in operating the  
 engines at the collieries, paying no  
 royalty, was..... 215,366 $\frac{1}{2}$  "

Making the total coal shipped  
 and consumed in operating... 1,416,551 tons.

The average royalty received upon the 1,416,551 tons of coal produced was 35 $\frac{1}{10}$  cents per ton. The average royalty taken upon the 1,201,184 $\frac{7}{8}$  tons shipped was 41 $\frac{1}{10}$  cents per ton. Upon the 1,167,156 $\frac{1}{8}$  tons of freshly mined coal shipped by collieries, not including washeries, the average royalty was 42 $\frac{3}{10}$  cents per ton, and upon the 34,027 $\frac{3}{8}$  tons from culm banks shipped by washeries, it was 12 $\frac{1}{10}$  cents per ton.

The coal shipped to market in the thirty-six years during which coal has been mined under mining leases from the City of Philadelphia, Trustee under the Will of Stephen Girard, from 1863 to 1898 inclusive, has been 36,579,973 $\frac{3}{8}$  tons.

The coal consumed in the operation of the collieries, in generating steam for the running of engines used in hoisting and hauling coal and material, in pumping water and in ventilating the mines, mostly coal of the smallest size, was in the year 1898, 215,366 $\frac{1}{2}$  tons, equal to 17 $\frac{3}{10}$  per cent of the coal shipped to market.

Omitting the coal shipped from culm banks and the coal consumed in operating washeries upon culm banks, the percentage of the shipment to market consumed in operating the collieries was 18 $\frac{3}{10}$  per cent. The largest percentage of its shipment consumed in operating by any colliery was 25 $\frac{2}{10}$  per cent. The smallest, by Kehley's Run Colliery, was 12 $\frac{1}{10}$  per cent.

Four miles of new gangway were driven during the year 1898, against five and a quarter miles during the year 1897. Some repairs and improvements were made to the breakers of Packer No. 1 (-5) Colliery, Packer No. 3 Colliery and William Penn Colliery, but generally all extensive improvements have been deferred,

pending negotiations for new fifteen year colliery leases to take the place of those expiring on the first day of January, 1899.

New mining leases have now been made of Packer No. 1 (-5) Colliery and Continental (with North Ashland) Colliery to the Lehigh Valley Coal Company, of Hammond Colliery and Bear Ridge Colliery, formerly East Bear Ridge Colliery, to the Philadelphia and Reading Coal and Iron Company, of Kehley's Run Colliery to Thomas Coal Company and of William Penn Colliery to Susquehanna Coal Company, for fifteen years beginning on the first day of January, 1899 and ending on the thirty-first day of December, 1913. The present mining leases of Packer No. 2 (-4) Colliery and of Packer No. 3 Colliery will expire on the first day of January, 1900. New leases of these collieries also will be made to the Lehigh Valley Coal Company, to expire on the thirty-first day of December, 1913.

The new coal leases have been carefully considered and large concessions have been made to meet the views of exact equity and right on one side and the other. The royalties under the new leases are much lower than those which have ruled in recent years under the leases now expiring, both upon the larger and smaller sizes of coal. It is expected that the reduced royalties will enable the lessees to expend more labor upon the saving of the smaller sizes of coal, and that an increased yield per cubic yard of coal mined will be secured which will partially make up for the reduction of royalty.

The coal lands of the Estate comprise 4,229 acres, the mountain and farm lands, 12,079 acres. The only practicable use to which the latter, three fourths of the area of the Girard Estate, can ever be put is forestry and farming. The six farms in the Catawissa Valley, established in 1890, are slowly and at considerable annual expense to the Estate being converted into valuable farms.

The small forestry experiments initiated eighteen years ago and continued to this date, have been merely a beginning of forest culture, yet of value as affording an opportunity to test the adaptability of different kinds of timber to the soil, climate and conditions and to keep in mind the necessity finally for definite,



exact and permanent plans of forest culture on a more extensive scale. Twenty thousand seedlings of White Pine and Scotch Pine were planted this year, making the whole number planted in the last eighteen years two hundred and twenty thousand five hundred and fifty. The United States Department of Agriculture, Division of Forestry, by its circular No. 21, of October 8, 1898, has offered to assist owners of private forest lands in devising working plans for the handling of timber lands, and by your direction application has been made to the Department for its coöperation and assistance. In the agreement proposed, the object sought is stated to be "promoting and increasing the present value and usefulness of the said land to its owner and to perpetuate and improve the forest upon it." The working plan will be prepared at the joint expense of the Department of Agriculture and of the Girard Estate. The cost of carrying out the plan will be met by the Girard Estate. The Department of Agriculture is to have the right to publish and distribute the plan and its results for the information of lumbermen, forest owners and other parties interested in forestry.

The bodies of land selected for this experiment are, one of 738 acres on the Thomas Hiltzsimer and Amos Wickersham tracts on the western part of the Estate, and one of 1,273 acres on the southern parts of the Robert White, George McCandlish, Samuel Beatty and Simeon Beatty tracts on the top of North Mahanoy Mountain, on the eastern part of the Estate.

Other details with reference to forest plantations, farms, surface leases, and taxes for the maintenance of courts, jails, almshouses, roads and schools, and of the maintenance of pipe lines for a public water supply, are given later in this report. The customary tables are presented, showing the annual production of the several collieries, the percentages of different sizes of coal sent to market, the changes taking place in these proportions in different years, and the gross revenue derived from the coal sent to market during the year ending this day. Following the tables, a brief summary is given of the progress and present condition of the mining operations at each colliery.

TABLE SHOWING THE QUANTITY AND PERCENTAGE OF RICE, BUCKWHEAT, PEA, CHESTNUT AND COAL LARGER THAN CHESTNUT, SHIPPED FROM THE GIRARD ESTATE, EACH YEAR FROM THE OPENING OF THE FIRST COLLIERY.

YEAR.	COAL LARGER THAN CHESTNUT.			CHESTNUT COAL.			PEA COAL.			BUCKWHEAT COAL.			RICE COAL.		
	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.
1898	541,936	19	45.12	275,106	09	22.90	151,092	03	12.58	216,592	11	18.03	16,456	05	1.37
1897	587,360	05	47.99	265,897	05	21.72	146,698	06	11.98	213,085	10	17.41	10,958	11	0.90
1896	621,610	19	49.21	276,760	03	21.91	147,595	13	11.69	213,061	08	16.88	3,960	01	0.31
1895	754,139	05	50.64	302,514	00	20.31	171,443	03	11.51	246,441	05	16.54	14,820	19	1.00
1894	749,499	16	53.60	281,807	03	20.15	155,451	17	11.12	211,504	19	15.13			
1893	924,133	09	59.91	259,235	08	16.80	159,210	04	10.32	200,073	02	12.97			
1892	927,203	15	62.00	230,072	08	15.39	148,816	18	9.95	189,283	04	12.66			
1891	899,604	15	62.64	227,717	08	15.86	170,991	02	11.91	137,623	14	9.59			
1890	843,312	07	64.22	198,903	07	15.15	141,603	03	10.78	129,278	14	9.85			
1889	841,231	17	65.09	179,289	14	13.87	182,882	19	14.15	89,103	10	6.89			
1888	872,048	13	69.91	147,072	14	11.79	157,540	09	12.63	70,791	18	5.67			
1887	736,093	03	69.79	108,713	10	10.30	152,730	14	14.47	57,344	12	5.44			
1886	759,966	10	68.96	131,046	06	11.90	149,381	10	13.56	61,501	08	5.58			
1885	782,275	00	68.56	136,863	02	11.99	150,433	15	13.18	71,562	08	6.27			
1884	979,702	03	69.66	167,251	02	11.89	177,243	18	12.60	82,318	17	5.85			
1883	1,147,559	08	71.81	194,392	03	12.17	190,245	00	11.91	65,788	15	4.11			
1882	1,082,303	09	74.58	136,959	05	9.44	163,524	00	11.26	68,518	09	4.72			
1881	1,070,869	15	75.41	159,687	04	11.24	158,711	03	11.18	30,722	17	2.17			
1880	962,207	01	76.87	141,890	05	11.34	135,832	19	10.85	11,755	01	.94			
1879	1,221,126	13	75.25	212,377	03	13.09	185,661	19	11.44	3,581	19	.22			
1878	803,182	19	77.22	130,196	16	12.52	105,962	08	10.19	696	06	.07			
1877	862,931	15	77.13	153,062	09	13.68	102,765	19	9.19						
1876	614,404	12	76.19	117,063	05	14.51	74,992	03	9.30						
1875	550,758	10	78.17	93,799	01	13.31	59,987	14	8.52						
1874	791,830	18	81.83	111,776	04	11.55	64,000	03	6.62						
1873	755,354	11	82.83	110,860	17	12.16	45,724	07	5.01						
1872	581,940	15	83.05	83,333	16	11.89	35,475	19	5.06						
1871	519,284	05	83.62	76,229	08	12.27	25,503	05	4.11						
1870	397,623	18	84.24	57,544	08	12.19	16,830	13	3.57						
1869	427,153	11	86.71	55,153	16	11.19	10,336	14	2.10						
1868	396,979	05	87.87	50,628	14	11.20	4,179	03	.93						
1867	453,163	04	87.49	62,943	02	12.17	1,800	19	.34						
1866	384,891	01	90.70	39,485	18	9.30									
1865	220,756	03	91.80	19,710	00	8.20									
1864	106,176	18	90.11	11,647	19	9.89									
1863	36,709	19	90.00	4,078	16	10.00									

TABLE SHOWING QUANTITY AND PERCENTAGE OF EACH SIZE OF COAL SHIPPED EACH YEAR FROM 1877 TO 1898.

LUMP.	STEAM-BOAT.		BROKEN.		EGG.	STOVE.	SMALL STOVE.	CHESTNUT.	TOTAL LARGE.	PEA.	BUCK-WHEAT.	RICE.	TOTAL SMALL.	TOTAL SHIPMENT.
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1878	16,725	12	60,046	10	120,542	19	205,892	04	275,106	09	817,043	08	151,092	03
	1,336	15	5,000	13	10,044	10	17,114	10	22,900	03	15,592	11	16,456	05
1879	21,688	16	67,948	13	120,010	06	231,801	17	265,897	05	853,487	10	152,588	06
	1,777	10	5,555	13	9,811	11	18,044	17	21,724	05	213,085	10	137,371	07
1880	42,707	10	127,968	12	235,897	02	377,314	14	467,760	03	1,067,271	02	1,067,271	02
	3,336	17	6,177	12	9,066	10	18,800	14	21,911	03	171,112	08	171,112	08
1881	53,567	17	127,968	01	155,148	09	162,203	01	302,514	00	1,067,271	05	1,067,271	05
	3,666	17	8,577	10	10,422	09	17,155	17	20,311	00	171,112	03	171,112	03
1882	47,668	05	126,402	09	150,572	06	164,966	09	281,807	03	1,031,366	19	1,031,366	19
	4,122	05	9,044	10	10,777	06	17,888	07	20,311	03	171,112	03	171,112	03
1883	47,708	04	198,478	06	183,228	17	196,381	06	259,235	03	1,183,368	17	1,183,368	17
	3,009	04	12,877	11	11,888	17	19,344	16	16,800	03	1,183,368	17	1,183,368	17
1884	54,936	04	234,807	09	175,359	05	177,108	16	230,072	04	1,157,276	03	1,157,276	03
	3,671	04	15,700	11	11,723	05	19,066	01	15,390	04	1,157,276	03	1,157,276	03
1885	42,321	07	242,086	10	171,027	19	170,516	19	227,717	08	1,157,276	03	1,157,276	03
	2,951	07	16,866	10	11,911	19	18,988	05	15,866	08	1,157,276	03	1,157,276	03
1886	36,611	15	230,099	14	179,419	05	158,239	11	112,043	05	1,031,366	19	1,031,366	19
	2,333	15	17,522	18	13,666	05	12,022	09	8,433	05	1,031,366	19	1,031,366	19
1887	38,356	14	190,123	18	188,669	14	189,390	19	133,280	03	1,031,366	19	1,031,366	19
	2,971	14	14,711	18	14,600	14	12,410	09	10,311	03	1,031,366	19	1,031,366	19
1888	35,005	17	209,089	08	180,772	05	146,253	18	123,956	07	1,031,366	19	1,031,366	19
	2,811	17	10,833	13	14,499	05	12,412	18	9,944	07	1,031,366	19	1,031,366	19
1889	63,882	04	236,790	13	122,785	19	101,769	10	93,100	05	1,031,366	19	1,031,366	19
	6,003	04	11,666	13	11,066	19	11,116	10	8,833	05	1,031,366	19	1,031,366	19
1890	77,926	11	152,816	16	140,344	13	150,211	16	116,493	03	1,031,366	19	1,031,366	19
	7,077	11	13,877	16	12,733	13	13,633	16	10,577	03	1,031,366	19	1,031,366	19
1891	79,453	15	139,991	07	173,452	15	153,377	11	134,781	04	1,031,366	19	1,031,366	19
	4,533	15	12,818	07	15,200	15	13,444	11	11,811	04	1,031,366	19	1,031,366	19
1892	81,538	15	165,099	01	150,703	19	186,169	15	106,097	02	1,031,366	19	1,031,366	19
	5,368	15	11,677	01	15,077	19	17,766	15	11,422	02	1,031,366	19	1,031,366	19
1893	130,434	08	184,953	17	242,653	01	186,594	12	162,459	03	1,031,366	19	1,031,366	19
	8,177	08	11,553	17	14,018	01	11,866	12	10,166	03	1,031,366	19	1,031,366	19
1894	157,274	11	199,700	06	248,153	15	179,951	06	124,822	06	1,031,366	19	1,031,366	19
	10,700	11	11,005	06	17,099	15	15,000	06	8,599	06	1,031,366	19	1,031,366	19
1895	163,188	14	151,132	09	233,061	04	199,136	14	92,404	18	1,031,366	19	1,031,366	19
	11,449	14	11,922	09	16,411	04	13,555	14	6,511	18	1,031,366	19	1,031,366	19
1896	194,747	01	171,791	17	190,694	11	143,930	07	64,435	17	1,031,366	19	1,031,366	19
	12,511	01	11,922	17	13,555	11	11,449	07	5,068	17	1,031,366	19	1,031,366	19
1897	163,511	13	180,945	03	268,523	14	203,076	08	89,309	06	1,031,366	19	1,031,366	19
	10,008	13	11,945	03	13,555	14	11,449	08	5,068	06	1,031,366	19	1,031,366	19
1898	140,210	12	136,116	12	160,620	05	119,531	07	75,403	00	1,031,366	19	1,031,366	19
	14,235	12	13,009	12	15,451	05	15,611	07	7,533	00	1,031,366	19	1,031,366	19
1899	156,905	02	136,330	05	174,022	06	135,873	07	79,975	08	1,031,366	19	1,031,366	19
	14,008	02	13,330	05	15,366	06	13,873	07	7,155	08	1,031,366	19	1,031,366	19

TABLE SHOWING THE PERCENTAGES OF DIFFERENT SIZES OF COAL SENT TO MARKET  
BY EACH COLLIERY IN 1898.

COLLIERY.	LUMP.	STEAM- BOAT.	BROKEN.	EGG.	STOVE.	CHEST- NUT.	TOTAL LARGE.	PEA.	BUCK- WHEAT.	RICE.	TOTAL SMALL.
Packer No. 5.....	.....	0.57	2.94	17.30	16.14	23.96	60.91	12.35	23.54	3.19	39.09
William Penn.....	1.20	0.42	10.04	14.56	15.62	21.06	62.90	12.40	23.72	0.98	37.10
Packer No. 3.....	2.22	4.37	9.81	7.08	14.49	27.65	65.62	13.73	20.04	0.61	34.38
Packer No. 4.....	1.16	.....	3.98	15.75	15.54	31.16	67.59	13.61	18.76	0.04	32.41
East Bear Ridge.....	1.96	14.62	10.28	8.90	15.84	18.08	69.68	13.00	16.13	1.19	30.32
West Bear Ridge.....	1.96	14.62	10.28	8.90	15.84	18.08	69.68	13.00	16.13	1.19	30.32
Packer No. 2.....	1.20	0.67	5.10	11.16	17.50	34.93	70.56	10.60	17.51	1.33	29.44
Kehley's Run.....	.....	.....	7.22	15.20	36.41	20.85	79.68	11.70	8.62	.....	20.32
Hammond.....	2.03	8.10	25.48	10.16	19.12	14.03	78.92	8.88	12.18	0.02	21.08
North Ashland.....	2.06	22.28	17.56	9.41	19.36	14.68	85.35	6.60	8.02	0.03	14.65
Total of Collieries.....	1.43	5.14	10.33	11.89	17.64	23.48	69.91	11.73	17.56	0.80	30.09
Girard Washery.....	.....	.....	.....	.....	.....	3.22	3.22	41.68	34.30	20.80	96.78
Total, including Washery Coal....	1.39	5.00	10.04	11.55	17.14	22.90	68.02	12.58	18.03	1.37	31.98

# ANNUAL PRODUCTION OF THE SEVERAL COLLIERIES ON THE GIRARD ESTATE.

PRESENT TENANTS.	1863.		1864.		1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1 Philadelphia & Reading Coal & Iron Co., Hammond Colliery, } Conner Colliery, }	40,788 15	.....	84,446 04	.....	66,795 03	.....	90,650 04	.....	76,817 04	.....	62,413 16	.....	67,476 11	.....	29,702 01	.....	118,097 12	.....	98,813 09	.....
2 Girard Colliery,	.....	.....	13,717 05	.....	32,828 16	.....	40,097 04	.....	67,867 04	.....	54,801 12	.....	60,562 05	.....	38,841 11	.....	40,318 09	.....	38,022 12	.....
3 Philadelphia & Reading Coal & Iron Co., North Ashland Colliery,	.....	.....	15,388 00	.....	36,503 19	.....	41,240 19	.....	49,361 18	.....	48,374 08	.....	45,042 07	.....	41,103 18	.....	44,361 17	.....	53,444 10	.....
4 Lehigh Valley Coal Co., No. 2 Colliery, } Packer No. 4 Colliery, }	.....	.....	1,523 04	.....	36,410 10	.....	33,544 12	.....	30,327 13	.....	59,507 10	.....	71,858 07	.....	81,154 10	.....	80,901 09	.....	60,688 16	.....
5 Lehigh Valley Coal Co., Continental Colliery,	.....	.....	2,750 04	.....	24,017 17	.....	38,724 14	.....	43,276 10	.....	37,004 04	.....	31,440 02	.....	37,653 04	.....	73,623 08	.....	82,203 07	.....
6 Lehigh Valley Coal Co., Packer No. 5 Colliery,	.....	.....	.....	.....	22,430 19	.....	55,439 04	.....	95,436 03	.....	117,414 00	.....	112,666 11	.....	125,055 17	.....	121,926 10	.....	121,162 17	.....
7 Philadelphia & Reading Coal & Iron Co., West Bear Ridge Colliery,	.....	.....	.....	.....	10,090 17	.....	44,606 03	.....	43,818 13	.....	19,328 18	.....	4,654 19	.....	536 02	.....	2,340 14	.....	4,630 11	.....
8 Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery,	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9 William Penn Coal Co., William Penn Colliery,	.....	.....	.....	.....	9,085 05	.....	59,915 00	.....	65,448 11	.....	28,295 01	.....	27,002 10	.....	35,363 13	.....	53,558 13	.....	85,602 18	.....
10 Thomas Coal Co., Kehley's Run Colliery,	.....	.....	.....	.....	2,372 17	.....	10,139 08	.....	35,143 06	.....	18,935 00	.....	67,940 09	.....	79,585 19	.....	68,554 01	.....	102,837 04	.....
11 Lehigh Valley Coal Co., Packer No. 3 Colliery,	.....	.....	.....	.....	.....	.....	1,010 11	.....	10,410 03	.....	5,712 13	.....	4,000 00	.....	3,002 04	.....	17,404 05	.....	53,344 06	.....
.....	40,788 15	.....	117,824 17	.....	240,466 03	.....	424,376 19	.....	517,907 05	.....	451,787 02	.....	492,644 01	.....	471,998 19	.....	621,016 18	.....	700,750 10	.....

# ANNUAL PRODUCTION.—Continued.

PRESENT TENANTS.	1873.		1874.		1875.		1876.		1877.		1878.		1879.		1880.		1881.		1882.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1 Philadelphia & Reading Coal & Iron Co., Hammond Colliery, } Conner Colliery, }	142,066 08		146,619 12		123,935 17		114,552 01		121,146 04		99,215 00		116,581 17		70,649 19		97,131 19		93,838 13	
									102,639 04		78,671 03		130,811 03		105,223 19		134,060 01		135,368 10	
2 Girard Colliery,	33,076 05		48,797 19		45,669 13		46,291 01		95,043 07		67,573 09		101,877 10		80,947 03		69,165 02		103,761 08	
3 Philadelphia & Reading Coal & Iron Co., North Ashland Colliery,	89,421 12		59,336 16		56,469 04		35,976 10		38,685 09		70,566 17		127,893 01		98,734 15		118,760 11		110,527 06	
4 Lehigh Valley Coal Co., Packer No. 2 Colliery, } Packer No. 4 Colliery, }	149,886 15		137,243 00		62,994 14		112,118 03		89,129 12		88,544 19		144,138 01		117,022 12		126,751 04		98,327 02	
									101,860 01		118,790 04		248,341 18		167,102 01		200,636 07		218,073 09	
5 Lehigh Valley Coal Co., Continental Colliery,	69,731 14		54,847 09		48,861 12		59,612 18		25,228 13		53,948 16		107,233 12		79,361 12		62,124 14		16,801 14	
6 Lehigh Valley Coal Co., Packer No. 5 Colliery,	89,116 13		45,604 07		46,003 03		59,871 09		85,955 08		62,229 08		85,297 03		64,598 11		81,563 19		61,469 18	
7 Philadelphia & Reading Coal & Iron Co., West Bear Ridge Colliery,	32,976 08		71,821 04		40,311 14		47,356 06		23,517 15		44,520 05		89,337 08		73,451 19		63,196 18		70,130 16	
8 Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery,	.....		71,821 04		40,311 14		47,356 06		85,001 19		51,144 16		30,036 18		64,549 03		74,752 10		77,514 15	
9 William Penn Coal Co., William Penn Colliery,	140,726 14		146,357 00		106,639 17		118,209 13		164,476 13		120,354 18		178,445 09		173,212 14		221,869 05		227,859 15	
10 Thomas Coal Co., Kehley's Run Colliery,	99,314 19		87,709 03		65,466 18		89,368 00		68,905 07		100,520 19		151,266 11		82,095 02		.....		79,645 07	
11 Lehigh Valley Coal Co., Packer No. 3 Colliery,	65,622 07		97,449 11		67,580 19		75,747 13		117,170 11		83,957 15		111,487 03		74,733 16		169,978 09		157,986 10	
	911,939 15		967,607 05		704,545 05		806,460 00		1,118,760 03		1,040,038 09		1,622,747 14		1,251,685 06		1,419,990 19		1,451,305 03	

# ANNUAL PRODUCTION.—Continued.

	PRESENT TENANTS.	1883.		1884.		1885.		1886.		1887.		1888.		1889.		1890.	
		Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1	Philadelphia & Reading Coal & Iron Co., Hammond Colliery, } Conner Colliery, }	117,238 16 } 147,821 01 }	95,794 10 } 135,897 17 }	114,141 18 } 130,959 02 }	124,172 19 } 68,494 08 }	163,730 17 } .....	158,403 10 } .....	130,605 09 } .....	171,033 18 } .....								
3	Girard Colliery, Philadelphia & Reading Coal & Iron Co., North Ashland Colliery,	81,349 01 122,021 04	59,268 02 102,126 19	69,832 17 35,568 11	10,148 07 68,816 00	152,940 06 .....	894 02 157,265 19	72,518 13 73,536 15	106,210 04 121,987 19								
4	Lehigh Valley Coal Co., Packer No. 2 Colliery, } Packer No. 4 Colliery, }	111,659 12 } 225,406 19 }	128,356 03 } 206,504 02 }	83,854 04 } 206,602 14 }	..... 213,037 04 }	124,514 10 } .....	67,592 16 } 148,751 06 }	48,294 15 } 154,893 12 }	89,106 17 } 105,642 13 }								
5	Lehigh Valley Coal Co., Continental Colliery,	63,906 19	62,538 02	1,712 01	.....	.....	.....	.....	.....								
6	Lehigh Valley Coal Co., Packer No. 5 Colliery,	48,503 13	34,172 13	2,032 01	63,592 04	61,097 01	120,513 09	129,644 15	145,199 03								
7	Philadelphia & Reading Coal & Iron Co., West Bear Ridge Colliery,	72,834 03	45,028 15	10	4 00	100 10	20,325 16	91,265 12	48,263 19								
8	Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery,	108,304 09	70,704 05	2,422 02	7,946 18	6,532 00	9,844 03	60,173 11	35,544 16								
9	William Penn Coal Co., William Penn Colliery,	228,098 19	233,157 15	242,114 13	256,044 15	307,848 09	280,675 04	278,722 04	280,558 11								
10	Thomas Coal Co., Kehley's Run Colliery,	115,311 15	110,784 17	106,829 09	116,628 05	133,244 11	120,136 19	109,246 01	123,998 02								
11	Lehigh Valley Coal Co., Packer No. 3 Colliery,	155,598 15	122,182 00	146,164 03	171,662 04	102,067 13	161,247 02	136,336 17	78,122 08								
13	Philadelphia & Reading Coal & Iron Co., Knickerbocker Colliery,	.....	.....	.....	.....	.....	.....	.....	521 13								
14	Madeira, Hill & Co., Raven Run Washery,	1,597,985 06	1,406,516 00	1,141,134 05	1,101,895 14	1,054,881 19	1,247,453 14	1,292,508 00	6,907 08								
		1,597,985 06	1,406,516 00	1,141,134 05	1,101,895 14	1,054,881 19	1,247,453 14	1,292,508 00	6,907 08								

# ANNUAL PRODUCTION.—Continued.

PRESENT TENANTS.	1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.		TOTAL.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1 Philadelphia & Reading Coal & Iron Co., Hammond Colliery, Conner Colliery,	199,618 07	.....	169,991 02	.....	177,592 16	.....	127,843 07	.....	178,016 01	.....	143,080 12	.....	121,455 02	.....	131,991 16	.....	5,354,857 17	.....
3 Philadelphia & Reading Coal & Iron Co., North Ashland Colliery,	118,366 12	.....	118,924 01	.....	121,888 04	.....	90,639 17	.....	28,002 14	.....	92,366 15	.....	104,733 17	.....	85,034 12	.....	2,940,996 00	.....
4 Lehigh Valley Coal Co., Packer No. 2 Colliery, Packer No. 4 Colliery,	110,101 15	.....	147,217 09	.....	77,076 01	.....	87,249 05	.....	110,996 18	.....	114,459 08	.....	89,622 02	.....	140,958 14	.....	6,310,212 08	.....
5 Lehigh Valley Coal Co., Continental Colliery,	90,237 12	.....	55,948 16	.....	122,597 06	.....	97,769 04	.....	108,729 01	.....	117,478 11	.....	147,668 15	.....	140,716 11	.....	1,076,603 06	.....
6 Lehigh Valley Coal Co., Packer No. 5 Colliery,	101,908 18	.....	61,011 19	.....	162,587 10	.....	135,330 15	.....	129,341 07	.....	190,005 01	.....	98,477 19	.....	83,324 11	.....	3,009,084 19	.....
7 Philadelphia & Reading Coal & Iron Co., West Bear Ridge Colliery,	22,386 12	.....	78,015 05	.....	81,544 09	.....	99,827 15	.....	114,306 05	.....	86,723 05	.....	73,982 16	.....	57,979 01	.....	1,579,216 03	.....
8 Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery,	134,510 06	.....	159,541 03	.....	156,012 06	.....	151,353 13	.....	157,864 09	.....	139,418 02	.....	104,859 06	.....	84,109 01	.....	1,931,659 15	.....
9 William Penn Coal Co., William Penn Colliery,	264,315 13	.....	219,530 17	.....	219,371 16	.....	262,441 13	.....	249,224 05	.....	211,900 17	.....	231,661 00	.....	203,021 08	.....	5,934,012 08	.....
10 Thomas Coal Co., Kehley's Run Colliery,	120,356 16	.....	120,308 00	.....	110,127 11	.....	88,258 15	.....	85,659 12	.....	77,443 10	.....	81,106 18	.....	69,333 19	.....	2,898,575 10	.....
11 Lehigh Valley Coal Co., Packer No. 3 Colliery, Knickerbocker Colliery,	144,997 13	.....	185,862 11	.....	175,174 15	.....	149,811 03	.....	183,248 14	.....	151,212 03	.....	159,738 11	.....	168,687 01	.....	3,901,642 11	.....
13 Philadelphia & Reading Coal & Iron Co., Madeira, Hill & Co.	4,504 08	.....	461 04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,440 01	.....
14 Raven Run Washery, Ginard Washery,	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,182 08	.....
15 Benneville F. Bertolet,	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,919 04	.....
	1,435,936 19	.....	1,495,376 05	.....	1,542,652 03	.....	1,398,263 15	.....	1,489,358 12	.....	1,263,088 04	.....	1,223,999 17	.....	1,201,284 07	.....	36,579,973 19	.....



QUANTITY OF COAL MINED AND SHIPPED DURING THE TWELVE MONTHS COMMENCING JANUARY 1, 1898, AND  
ENDING DECEMBER 31, 1898, AND GROSS RENT AND ROYALTY DERIVED FROM THE SAME.

PRESENT TENANTS.		Tons. Cwt.	Royalty, Right of Way and Colliery Rents.	House Rents.	Total Income.
Philadelphia & Reading Coal and Iron Co., Hammond Colliery.....		131,691 16	\$60,423 21	\$453 00	\$60,876 21
Philadelphia & Reading Coal and Iron Co., North Ashland Colliery.....		85,034 12	41,060 36	624 00	41,684 36
Philadelphia & Reading Coal and Iron Co., East Bear Ridge Colliery.....		84,109 01	38,839 02	156 00	38,995 02
Philadelphia & Reading Coal and Iron Co., West Bear Ridge Colliery.....		57,979 01	24,452 14	424 08	24,876 22
Lehigh Valley Coal Co., Packer No. 2 and No. 4 Collieries.....		281,675 05	118,126 14	822 00	118,948 14
Lehigh Valley Coal Co., Packer No. 3 Colliery.....		168,687 01	68,476 21	183 00	68,659 21
Lehigh Valley Coal Co., Packer No. 5 Colliery.....		83,324 11	32,202 49	840 00	33,132 49
Lehigh Valley Coal Co., Continental Colliery.....			5,400 00	624 00	6,024 00
William Penn Coal Co., William Penn Colliery.....		205,021 08	83,094 02	442 20	83,536 22
Thomas Coal Co., Kehley's Run Colliery.....		69,333 19	31,944 97	624 00	32,568 97
Benjamin D. Brown, Harrison Washery.....			200 00		200 00
Bennettville F. Bertolet, Girard Washery.....		34,027 13	4,140 90		4,140 90
Madira, Hill & Co., Raven Run Washery.....			250 00		250 00
Total.....		1,201,184 07	\$508,699 46	\$5,192 28	\$513,891 74

## MINING OPERATIONS.

LEASE NO. 1.—HAMMOND COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—Hammond Colliery is mining coal on the second slope level from the Buck Mountain, Mammoth, Mammoth Top-split, Holmes, Orchard and Diamond beds. Two-thirds of the coal produced at the present time is from the Buck Mountain, Mammoth, Mammoth Top-split and Holmes beds, from the cutting out of breast-pillars, stump-pillars on gangways and from the mining of breasts in reservation pillars. No new gangway was driven this year in these beds. In the Orchard and Diamond beds gangways were extended east and west and one-third of the whole production has come from the driving of gangways and mining of breasts in these two beds. The lease limits will not be reached in these beds for four years. The length of gangway driven was nine hundred and ninety-two yards:

in the Diamond bed..... 502 yards.  
 “ Orchard bed..... 490 “

The proportions of present production from the different coal beds are as follows:

from the Diamond bed..... 18 per cent  
 “ Orchard bed..... 17 “  
 “ Holmes bed..... 18 “  
 “ Mammoth and Mammoth Top-  
     split beds..... 32 “  
 “ Buck Mountain bed..... 15 “

The coal used in making steam for the running of the engines has been one-half rice coal of the smallest size and one-half “slate-picker” refuse.

The coal shipped to market was 131,991 $\frac{1}{2}$  tons, an increase over the preceding year of 10,736 $\frac{1}{4}$  tons.

GIRARD COLLIERY—FORMER LEASE NO. 2—has been closed since February 29, 1896. Its culm banks contributed this year a tonnage to market of 34,027 $\frac{1}{2}$  tons through the Girard Washery of Mr. B. F. Bertolet.

LEASE NO. 3.—NORTH ASHLAND COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—The bulk of the coal product during this year has been as heretofore from the Mammoth bed, from the second lift below water level. The surface strippings upon the outcrop of the Mammoth bed have continued to yield a considerable proportion of the finest coal. During the past three years these pillars stripped of their surface covering have sent to the breaker 23,807 mine cars of coal containing 3,142,524 cubic yards of mined coal which have yielded 55,500 tons of prepared coal. The Buck Mountain bed has continued to yield more than a quarter of the production from the cutting down of pillars on the first slope level gangway. The Buck Mountain bed has never yet been opened below the first slope level. The only new gangway driven during the year was one hundred and two yards of slant and counter-gangway in the Mammoth bed along the basin barrier pillar separating this lease from that of Continental Colliery. The present production from the different beds and levels is as follows:

Proportion of  
Present Production.

Above water level in the

Mammoth bed..... 8 per cent from mining pillars.

On the second slope level

in the Mammoth bed.. 64 “ “ “ breasts and pillars.

On the first slope level in

the Buck Mountain bed. 28 “ “ “ pillars.

The shipments to market were..... 85,034 $\frac{1}{2}$  tons.

The proportion of large coal made is greater than that made by any other colliery on the Estate, being 85 $\frac{3}{10}$  per cent of the total shipment. Hereafter the coal covered by the mining lease of this colliery will belong to Continental Colliery lease.

LEASE NO. 4.—PACKER NO. 2 AND PACKER NO. 4 COLLIERIES.—*Lehigh Valley Coal Company, Lessee.*—PACKER NO. 2 COLLIERY continues to produce coal from the four lifts below water level and from the Mammoth, Mammoth Top-split and Holmes beds. Very little new work was opened in virgin coal. The whole amount of gangway driven was two hundred and eleven yards, part of it being upon each of the four levels. Two-thirds of the coal now produced is coming from the Mammoth bed. The length of gangway driven during the year and the proportion of production from each level and coal bed, indicating the present stage of development, are as follows:

Length of Gangway Driven.				Proportion of Present Production.			
				Mammoth Bed.	Mammoth Top-split Bed.	Holmes Bed.	Total.
First level.	Mammoth bed	60 yds.		16%	.....	.....	16%
Second “	Holmes “	37 “		14%	.....	6%	20%
Third “	Holmes “	77 “		27%	.....	7%	34%
Fourth “	Holmes “	37 “		10%	5%	15%	30%
Total.....				67%	5%	28%	100%

The Buck Mountain bed is worked through Packer No. 4 Colliery, gangways in that bed extending from the latter colliery under the beds opened as above but no connection has yet been made into them. Only fifty-nine days' work was done by the colliery in the first six months and little more in the last half-year, notwithstanding which the coal shipped to market was 140,958 $\frac{1}{2}$  tons, which is an increase of 51,336 $\frac{1}{2}$  tons over the previous year.

PACKER NO. 4 COLLIERY has opened fresh gangway and mined coal upon five of its seven levels and from the Orchard, Holmes, Mammoth and Buck Mountain beds of coal. The greatest proportion of new gangway opened and of coal produced was on the fourth level. The coal produced has come mainly from the Mammoth and Buck Mountain beds. The gangway driven during the year and the proportions of present production from each bed and level are as follows:

## LENGTH OF GANGWAY DRIVEN.

	Orchard Bed.	Holmes Bed.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
First level...	.....	.....	273	.....	273 yards.
Second " ..	112	.....	.....	.....	112 "
Third " ..	.....	64	57	.....	121 "
Fourth " ..	.....	173	.....	95	268 "
Fifth " ..	.....	.....	.....	.....	..... "
Sixth " ..	.....	.....	113	.....	113 "
Seventh " ..	.....	.....	.....	.....	..... "
Total.....	112	237	443	95	887 yards.

## PRESENT PRODUCTION.

	Orchard Bed.	Holmes Bed.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
First level.....	.....	.....	19	.....	19 per cent.
Second " ....	4	1	.....	.....	5 "
Third " ....	.....	2	2	15	19 "
Fourth " ....	.....	10	3	31	44 "
Fifth " ....	.....	.....	.....	.....	..... "
Sixth " ....	.....	.....	13	.....	13 "
Seventh " ....	.....	.....	.....	.....	..... "
Total.....	4	13	37	46	100 per cent.

The coal produced and sent to market was 140,716 $\frac{1}{2}$  tons, which is a slight decrease below the previous year. An extensive squeeze or settling of the measures over the coal occurred in January and February by which the gangway of the Mammoth bed on the fourth level east of the slope was crushed and closed. It has since been reopened and retimbered and the mining of coal beyond and on the levels above has been resumed.

LEASE NO. 5.—CONTINENTAL COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—No coal has been mined nor has any work been done looking to a resumption of the mining of coal. The last coal mined was shipped to market in January, 1885.

LEASE NO. 6.—PACKER NO. 1 (—5) COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—All work was suspended at the close of last year and the colliery continued idle for eight months, resuming work in August and continuing in operation during the last five months to the close of the year. Besides some repairs to the breaker and preparations for retimbering the slope, no improvements have been made. Only a small amount of new gangway was opened at the close of the year. The bulk of the coal produced is mined from the first or slope level and the third or shaft level and from the Holmes, Mammoth and Diamond beds, though a considerable quantity, about one-sixth of the whole, is now coming from the Buck Mountain, Seven Foot and Mammoth Top-split beds. The proportions of present production from the different levels and coal beds are as follows:

## PRESENT PRODUCTION.

	Diamond Bed.	Orchard Bed.	Holmes Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.
Above water level.....	...	...	...	..	12	..	...	12 per cent.
First, or slope level....	...	...	24	2	17	..	1	44 "
Second, or plane level ...	...	...	8	..	...	3	...	11 "
Third, or shaft level....	18	...	4	..	1	..	10	33 "
	—	—	—	—	—	—	—	"
Total.....	18	...	36	2	30	3	11	100 per cent.

When in operation the colliery ships a thousand tons of coal a day. The shipment of the year is 83,324 $\frac{1}{2}$  tons.

LEASE NO. 7.—WEST BEAR RIDGE COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—This colliery lease has a short run of 1290 yards from its eastern to its western lease limit, covering little more than the length of one tract, but includes both dips of the basin. The basin is narrow, being but from 240 to 420

yards in width from the outcrop of the Mammoth on one side to the outcrop of the same bed on the other side of the basin. The dip of the coal beds is steep, being fifty-eight degrees on one side and fifty-five degrees on the other. The Mammoth bed only has been worked. The Buck Mountain bed, opened in 1884 by tunnels on the second slope level on the north and south sides of the basin, was found to contain much refuse and was considered at that time unprofitable to work. The Holmes bed, cut in the centre of the basin by the tunnel from the Mammoth on the north to the Mammoth on the south side, was worked to a limited extent by gangways east and west on the north dip. Ten breasts were opened and worked. This bed was six feet nine inches in thickness and contained four feet four inches of marketable coal. The coal of the Mammoth bed, the only bed ever worked to any considerable extent, is now exhausted so far as it can be worked without reopening the colliery and starting to work afresh the Mammoth, Holmes and Buck Mountain beds.

I have made a calculation of the original coal content of the Mammoth bed, and estimating the coal consumed in operating the colliery at twenty per cent of the coal shipped to market and the coal wasted in culm and rock banks at thirty per cent of the shipments to market, I find that but thirty per cent of the original content has been taken out of the ground, leaving in the ground seventy per cent. This includes a pillar of Mammoth coal left solid on the third level, one hundred and twenty yards wide on the strike of the coal bed and a hundred yards long on the dip, and a similar pillar, with breasts partly worked, on the second level left standing for the support of the surface under Bear Ridge breaker, the boiler plant and the east side of the slope. The coal in this pillar can be mined when the colliery comes to be reworked.

My estimate of original content of the Mammoth bed and of the quantities and percentages mined and sent to market, consumed in operating and wasted, is as follows:

Original content of Mammoth bed, calculated, 7,920,000 tons.

	Tons.	Per cent of Original Content.
Mined and shipped to market.....	1,579,300	19.93
Mined and consumed in making steam, estimated at 20 per cent of shipment....	315,860	3.99
Mined and deposited in refuse banks (mar- ketable coal, very fine coal and coal dust), estimated at 30 per cent of shipment...	473,790	5.99
Coal left unmined.....	5,551,050	70.09
Original content of Mammoth bed...	7,920,000	
This colliery shipped in 1898, 57,979 $\frac{1}{8}$ tons of coal.		

LEASE NO. 8.—EAST BEAR RIDGE COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—The coal beds producing coal are the Mammoth and the Buck Mountain beds, both worked on the water level through the Girard Tunnel and on the slope level. Almost half of the coal produced is still coming from the workings above water level, about one-third being Mammoth bed coal and two-thirds Buck Mountain bed. Faults in the east Mammoth gangway and east Buck Mountain gangway on the slope level have embarrassed their progress during the year. The lengths of gangway driven and the proportions of present production are as follows:

	GANGWAY DRIVEN.			PRESENT PRODUCTION.		
	Mammoth Bed.	Buck Mountain Bed.	All Beds.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
Above water level..	253	.....	253 yards	9%	33%	42%
Slope level.....	90	364	454 "	25%	33%	58%
Total.....	343	364	707 yards	34%	66%	100%
	46%	54%	100%			

A tunnel is now driving from the Mammoth bed at the foot of the slope to cut the Top-split Mammoth, and it is probable a tunnel will be driven on the slope level east gangway of the Buck Mountain bed, to cut the Mammoth beyond the fault and for the greater convenience of mining out the Mammoth coal on the water level and slope level. The shipments to market were 84,109 $\frac{1}{8}$  tons.



LEASE NO. 9.—WILLIAM PENN COLLIERY.—*William Penn Coal Company, Lessee.*—The large production of this colliery is maintained by the coal from six beds, the Primrose, Holmes, Four Foot, Top-split Mammoth, Mammoth and Buck Mountain, operated on five levels. The Mammoth bed continues to produce the largest proportion of the coal. The workings, in different beds, above water level, yield twenty-seven per cent of the whole production. The smaller seams are extensively and successfully worked, the Primrose, Holmes and Four Foot beds now furnishing one-third of the whole production. Twenty-eight hundred and twenty-three yards of new gangway were opened during the year. The gangway driven on each level and in each bed and the proportions of present production are shown in the following table:

## GANGWAY DRIVEN AND PRESENT PRODUCTION.

	Orchard Bed.	Primrose Bed.	Holmes Bed.	Four Foot Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
Above water level:								
Production.....	...	...	.....	.....	1%	24%	2%	27 per ct.
Gangway.....	...	...	91 yds.	.....	.....	247 yds.	.....	338 yards.
First, or shaft level:								
Production.....	...	8%	.....	9%	.....	1%	.....	18 per ct.
Gangway.....	...	...	.....	700 yds.	.....	.....	.....	700 yards.
Second, or No. 1 slope level:								
Production.....	...	...	3%	10%	.....	.....	10%	23 per ct.
Gangway.....	...	...	.....	328 yds.	.....	.....	.....	328 yards.
Third, or No. 2 slope level:								
Production.....	...	...	.....	.....	1%	9%	10%	20 per ct.
Gangway.....	...	...	.....	52 yds.	.....	.....	625 yds.	677 yards.
Fourth, or Buck Mountain slope level:								
Production.....	...	...	.....	.....	1%	2%	9%	12 per ct.
Gangway.....	...	...	.....	.....	103 yds.	268 yds.	409 yds.	780 yards.
All levels:								
Production.....	...	8%	3%	19%	3%	36%	31%	100 per ct.
Gangway.....	...	...	91 yds.	1080 yds.	103 yds.	515 yds.	1034 yds.	2823 yards.

The stripping operations, removing the earth covering and quarrying out the surface coal, are maintained in the Mammoth bed from which a considerable quantity of the finest coal is obtained. Gangways have been driven well ahead and work has been opened to maintain the production. The surface improvements have been kept up to their usual standard. The breaker roof was raised to afford more space and light, and chutes, rolls and screens, scraper lines and elevators were changed to handle more conveniently the coal and refuse coming to the breaker.

On Sunday, June 26, 1898, at ten o'clock, P.M., the pumpmen of William Penn Colliery, upon going on duty, discovered a fire burning in the overhead timbers in the southwest corner of the hoisting engine room of the No. 2 underground slope, on the shaft level, one hundred and eighty yards east of the bottom of the shaft. This engine room is well back of the gangway in the Mammoth bed in breast No. 7. The pumpmen immediately gave the alarm and in a short time the inside foreman, Michael Golden, and a large force of men had gone down the shaft and very shortly extinguished the fire in the engine room. The current of air going west into breast No. 6 thence through breasts No. 5 and No. 4 up to the fan, had drawn the fire in that direction. The gob (fallen coal, slate and refuse) was found to be on fire in breasts No. 6 and No. 5. Lines of two and a half inch hose were carried up into breasts No. 6, No. 5 and No. 4 and into the cross headings connecting these breasts with each other, until there were ten streams of water pouring upon the heated and burning masses in different places. The refuse piles of coal, slate and rock were cut out along the sides of breast No. 6 and water turned into this material. This work continued through the 27th and 28th. On the 28th there was some suspicion of fire in breast No. 8 and two lines of hose were taken into this breast. The top coal and wings of pillars had fallen here to such an extent that it was necessary to drive a heading through this fallen material to get across from the west to the east side of the face of this breast. On the 30th the fire appeared to be confined to breast No. 5 and eight lines of hose were pouring

water into this breast, two at the face heading from breast No. 6, one lower down from breast No. 6, one brought up from the gangway through the east chute, one brought up through the west chute, two ten yards from the face brought through a heading from breast No. 4, and one at the face brought through a heading from breast No. 4. The work was continued on July 1st and 2d, and on the latter day the fire was wholly extinguished, although work was continued upon it for some days. The large masses of coal and refuse heated from the fire were drenched with water and turned over and moved to prevent the possibility of fire again breaking out.

The inside foreman, Michael Golden, deserves credit for the promptness and courage, energy and good judgment displayed by him in fighting the fire. A fall of coal at one time shut him and a fellow workman in, but with the exception of the breaking of the leg of his companion, both were released without serious injury. That he was able to subdue the fire after it had extended through four breasts filled with loose coal, coal refuse and timber, and without the loss of a life, speaks well for the work done.

The cause of the fire was not determined with certainty. The causes to which it was attributed were:

First, to the pumpman on duty in No. 2 slope on Sunday morning, June 26th, setting fire to the timbers in the engine room (breast No. 7) and going out unconscious of the fire and without waiting for the next shift to come upon duty.

Second, to timbermen at work near the engine room of No. 2 slope on Saturday, June 25th.

Third, to steam pipes in contact with timber or other inflammable material.

The cause first mentioned is probably the true one.

The coal sent to market was 205,021 $\frac{1}{2}$  tons, the largest production of any single colliery on the Girard Estate. This distinction has been held by this colliery for nineteen years.

LEASE NO. 10.—KEHLEY'S RUN COLLIERY.—*Thomas Coal Company, Lessee.*—The production of the year has been from the

Mammoth bed and the three beds underlying it, the Skidmore, Seven Foot and Buck Mountain, the greatest quantity being from the Mammoth. All the workings are on the second slope level. Very little gangway has been opened and that only on the second slope level. The proportion of present production from the different beds is as follows:

Mammoth bed.....	46 per cent.
Skidmore bed.....	5 “ “
Seven Foot bed.....	14 “ “
Buck Mountain bed .....	35 “ “

The coal shipped to market in 1898 was 69,333 $\frac{1}{8}$  tons.

LEASE NO. 11.—PACKER NO. 3 COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—The present production of coal is from the Mammoth, Seven Foot and Buck Mountain beds on seven different levels. The Mammoth bed continues to produce nearly half the coal sent to market. A thousand and forty-six yards of new gangway were opened during the year. The length of new gangway driven and the proportions of present production on the different levels and in the different beds are as follows:

LENGTH OF GANGWAY DRIVEN AND PERCENTAGES OF PRESENT PRODUCTION.

	Holmes Bed.	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.
First level, gangway... ..	34 yds.	.....	.....	.....	34 yds.
“ “ production .....	9%	.....	.....	.....	9%
Second “ “ .....	3%	6%	12%	.....	21%
Third “ “ .....	3%	.....	.....	.....	3%
Fourth “ “ .....	5%	4%	2%	.....	11%
Fifth “ “ .....	7%	.....	.....	.....	7%
Sixth “ “ .....	7%	2%	.....	.....	9%
Seventh “ gangway... ..	140 yds.	382 yds.	490 yds.	1012 yds.	.....
“ “ production .....	7%	18%	15%	.....	40%
All levels, gangway... ..	174 yds.	382 yds.	490 yds.	1046 yds.	.....
All levels, production .....	41%	30%	29%	.....	100%

The production sent to market for the year 1898 is 168,687 $\frac{1}{8}$  tons, which is an increase of 15,948 $\frac{1}{8}$  tons over the previous year.

LEASE NO. 14.—RAVEN RUN WASHERY.—CULM BANKS ON THE JOHN ALEXANDER TRACT.—*Madeira, Hill & Company, Lessee.*—A new lease of the culm banks on the John Alexander tract was made on the twelfth day of October, 1898, for five years from the first day of August, 1898. A new and modern washery building is now in process of erection, to have a frontage of fifty feet, a depth of ninety feet and a height of seventy feet above the loading tracks. The foundation walls are already built, the lumber is on the ground and also the engine for running the plant.

LEASE NO. 15.—GIRARD WASHERY.—CULM BANKS ON THE DANIEL REES AND SAMUEL REES TRACTS.—*Benneville F. Bertolet, Lessee.*—The reclaiming of the coal from the refuse banks of Girard Colliery has been continued throughout the year. The quantity of coal shipped to market was 34,027 $\frac{1}{8}$  tons.

All the coal shipped, excepting a very small portion (3 $\frac{2}{100}$  per cent of chestnut size), has been small coal. It is not to be inferred from this that there is no coal of larger size in the banks. There is a considerable quantity of coal of egg, stove and chestnut sizes, which is ground down into the smaller sizes to meet the requirements of the market and for other economic reasons of the lessee. The proportionate quantity of each size shipped to market was as follows:

of Chestnut coal.....	3.22 per cent.
“ Pea           “ .....	41.68 “
“ Buckwheat “ .....	34.30 “
“ Rice           “ .....	20.80 “
<hr/>	
100.00 per cent.	

The coal used in operating the plant has been 1,488 tons of rice coal, or 4 $\frac{3}{100}$  per cent of the shipment to market.

**TIMBER LEASES.**—No new agreements permitting the cutting of timber have been made. Under agreements made prior to December 31, 1897, some timber has been cut from the Cochran, Chapman, Donaldson and Gibson tracts, and from the Haines, Brown, White, McCandlish and Beatty tracts. The income from the sale of timber from these tracts was \$2,262.17.

**SURFACE LOT AND FARM LEASES,** with stone and sand sales, returned a revenue of \$5,469.82.

In addition to the six farms on the Estate near Girard Manor, a seventh farm is being built up, along the north line of the Isaac Norris tract. Farm No. 5 on the Joseph Evans tract was enlarged by the clearing, pulling of stumps and seeding of fifteen acres of land. Farm No. 6 on the Davison tract had eight acres of new land cleared and seeded. The present farm tenants, acreage leased and acreage under cultivation upon each of the seven farms, are :

Farm.	Acres Leased.	Acres Cultivated.	Tract.	Farm Tenant.
No. 1	100	69	Joseph Evans	Peter C. Barron.
No. 2	113	69	Thomas Davison	Isaac A. Blew, Estate.
No. 3	111	74	Joseph Evans	John Borlace.
No. 4	108	68	Joseph Evans	Theodor Wewer.
No. 5	117	43	Joseph Evans	Walter G. Lemon.
No. 6	113	54	Thomas Davison	Albert Hetherington.
No. 7	55	21	Isaac Norris	William Sells.

**MORTGAGES** on Girardville town lots returned in principal and interest upon purchase money, \$875.48.

**WATER PIPES.**—The eleven miles of main and branch water pipes on the Girard Estate leased to the Girard Water Company require constant repairs, as the ground upon which they are laid settles and breaks by reason of the mining out of the coal by the Girard Estate collieries. This inconvenience and expense is a necessary result of the coal mining operations and of the unavoidable carrying of the water pipes upon the surface above the mine workings.

The rental received from the Girard Water Company for the use of these main and branch water pipes was five thousand dollars.

FORESTRY.—Twenty thousand tree seedlings were set out this year on the James Howell tract on the water-shed of the reservoirs of the Girard Water Company on the top of North Mahanoy Mountain. They were ten thousand White Pine and ten thousand Scotch Pine, all six-inch seedlings. The cost of trees and planting, per thousand and per acre, was as follows:

	Cost of trees per M.	Cost of plant- ing per M.	Total cost per M.	Cost of trees per acre.	Cost of plant- ing per acre.	Total cost per acre.
10,000 White						
Pines .....	\$5.00	\$3.71¼	\$8.71¼	\$13.61	\$10.10½	\$23.71½
10,000 Scotch						
Pines .....	3.00	3.71¼	6.71¼	8.17	10.10½	18.27

This cost does not include the cost of the preparation of the ground before planting nor of the care of the trees after planting. The trees are planted in rows four feet apart and four feet apart in the rows, making 2,722 trees to the acre. The whole number of trees planted to this date has been 220,550, as follows:

In 1877.....	500 seedlings.
" 1881.....	750 "
" 1882 .....	2,300 "
" 1885.....	1,000 "
" 1887.....	2,000 "
" 1888.....	10,000 "
" 1889.....	22,000 "
" 1890.....	20,000 "
" 1891.....	30,000 "
" 1892.....	45,000 "
" 1893.....	20,000 "
" 1894.....	16,000 "
" 1895.....	20,000 "
" 1897.....	11,000 "
" 1898.....	20,000 "
Total.....	220,550 seedlings.

The varieties planted were :

European Larch.....	143,750
Catalpa Speciosa.....	24,500
Scotch Pine .....	20,000
White Pine.....	17,500
Wild Black Cherry.....	3,500
Russian Mulberry.....	1,000
White Oak.....	1,000
Austrian Pine.....	200
Norway Spruce.....	100
	<hr/>
	220,550

FOREST FIRES burnt over a small portion of the timber land of the Estate during the month of July. The drouth and the extreme heat of the first part of July had dried the ground and the undergrowth of shrubs and ferns to such an extent that it was in a condition to be easily ignited by huckleberry pickers and others trespassing and by sparks from the locomotive engines of the Catawissa Railroad. Fires occurred on July 7 and 8 and 12 to 18, burning over 554 acres and destroying timber estimated to be worth \$1,297.50. The tracts of land and acreage burned over and the estimated value of the timber burned are as follows :

Tract.	Acres Burned.	Value of Timber Burned per Acre.	Value of Timber Destroyed.
Thomas P. Cope.....	175	\$6.00	\$1,050.00
Edward Lynch.....	4	2.50	10.00
Samuel Beatty.....	50	.50	25.00
Simeon Beatty.....	50	.50	25.00
Charles Cochran.....	125	1.50	187.50
John Lockhart.....	50	1.00	50.00
William Steedman.....	50	.50	25.00
Jeremiah Jackson.....	50	.50	25.00
Total.....	554 acres @	\$2.35 <sup>8</sup> / <sub>16</sub>	\$1,297.50

This added to the value of timber burned in 1897 (\$22,803) makes the loss to the Estate from the forest fires in two years



\$24,100.50. The loss this year would have been greater but for the effective work done by our own fire patrol and by the township constables, made ex-officio fire-wardens by the Act of March 30, 1897, upon whom we called for assistance in extinguishing the fires. The means we are adopting for protection from forest fires are the maintenance of a fire patrol particularly in Autumn and Spring and upon holidays when there is special danger of fire, the making of fire roads around timber plantations to prevent the entrance of fire from outside, the making of fire roads across and through timber plantations to prevent fire, if ignited, from spreading, the making of fire roads along the lines of railroad to prevent sparks from locomotive engines starting fires, and availing ourselves of the assistance provided in recent Acts of the Legislature, particularly the Act of March 30, 1897 making constables of townships ex-officio fire-wardens and requiring them to extinguish forest fires and report regularly to the Court of Quarter Sessions all violations of Acts passed for the protection of timber from fire, and the Act of April 29, 1897 authorizing the arrest by a constable or peace officer, without a warrant, of trespassers suspected of intention to fire timber or otherwise violate laws enacted for the protection of timber. These Acts of the Legislature we have had printed in pamphlet form and sent to township constables.

In addition we have, as stated in the earlier part of this report, availed ourselves of the offer of assistance made by the United States Department of Agriculture, Division of Forestry, by circular No. 21, of October 8, 1898, and asked the Department to lend us its assistance in "promoting and increasing the present value and usefulness of the said land to its owner and to perpetuate and improve the forest upon it." Two bodies of land have been selected and set apart, 738 acres on the western part and 1,273 acres on the eastern part of the Girard Estate, both still containing some timber, with reference to the management of which the skilled forestry officers of the United States Department of Agriculture will prepare plans at their and the Girard Estate's joint expense. The management of the timber lands under the plans and agreement proposed, will be in the hands of the owner of the land, the

Department of Agriculture to have the right to publish and distribute the plan and its results for the information of lumbermen, forest owners and others interested in forestry.

**TAXES.**—The special interest taken by the public in the management of public affairs, which commenced three years ago, has continued to the present time. In consequence of this interest and the investigations, made by the taxpayers, of the management of public offices, and the prosecutions which followed, resulting in the expulsion from office of three Commissioners of Schuylkill County, the conviction and incarceration in the county jail of one of the Poor Directors, and the trial and conviction and imprisonment of the School Directors of certain townships, the increase in the county tax rates has been stopped and the rates of some other taxes have been reduced, but the past extravagance and bad management of county affairs has forced an increase of valuations for tax purposes and an actual increase of taxes for the year, notwithstanding there is no increase in rates of county taxes.

The tax rates of 1898 for the maintenance of public schools and roads, the care of the indigent poor, and the administration of the courts of justice, as levied in the different townships and boroughs, and the total Girard Estate taxes for this and the preceding year, were as follows:

Township or Borough.	County.	School.	Borough or Road.	Special Road.	Poor.	1898. Total Mills.	1898. Total Tax.	1897. Total Tax.
Conyngham...	4 mills.	13 mills.	5 1/4 mills.	.....	13 mills.	35 1/4 mills.	\$2,837 51	\$3,556 07
Butler.....	8 "	14 "	4 1/2 "	.....	.....	26 1/2 "	11,231 32	10,238 95
W. Mahanoy...	8 "	13 "	4 1/2 "	.....	.....	25 1/2 "	25,223 64	22,680 32
Mahanoy.....	8 "	8 1/2 "	1 1/2 "	.....	.....	18 1/2 "	195 53	294 17
Union.....	8 "	3 1/2 "	6 "	.....	.....	17 1/2 "	627 53	681 90
E. Union.....	8 "	10 "	4 "	2 mills.	.....	24 "	512 45	488 01
Gilberton.....	8 "	14 "	8 "	.....	.....	30 "	1,540 05	1,574 21
Girardville.....	8 "	15 "	6 "	.....	.....	29 "	1,137 53	2,064 64
Shenandoah...	8 "	14 "	13 "	.....	.....	35 "	1,678 43	1,650 74
Roaring Creek	4 "	2 1/2 "	7 "	.....	1 mill.	14 1/2 "	1 74	1 98
Delano.....	8 "	10 "	5 "	.....	.....	23 "	10 42	20 84
Kline.....	8 "	10 "	10 "	12 mills.	.....	40 "	10 20	10 97
							\$45,006 35	\$43,762 80

**EXTERIOR PROPERTY LINES.**—The marking of the exterior lines of the Estate by iron monuments at corners, railroad crossings, township road crossings and other points important to be plainly marked and guarded, has been continued throughout the year.

In the care of the Girard Estate in Schuylkill and Columbia Counties, I have had the faithful and zealous coöperation of all the officers associated with me, and take pleasure in acknowledging my obligation to them and in commending them to you.

Very respectfully yours,

HEBER S. THOMPSON,

*Engineer Girard Estate.*

POTTSVILLE, PA., *December 31, 1898.*

**APPENDIX C.**

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**REPORT**

**OF**

**THE GIRARD WATER COMPANY**

**FOR THE YEAR 1898.**

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**BOARD OF DIRECTORS.**

**LOUIS WAGNER, PRESIDENT.**

**ALEXANDER BIDDLE,**  
**JOHN H. CONVERSE,**

**DALLAS SANDERS,**  
**JOHN K. CUMING.**

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**OFFICERS.**

<b>SECRETARY</b>	<b>GEORGE E. KIRKPATRICK, Philadelphia.</b>
<b>TREASURER</b>	<b>FRANK M. HIGHLEY, Philadelphia.</b>
<b>GENERAL MANAGER</b>	<b>HEBER S. THOMPSON, Pottsville.</b>
<b>SUPERINTENDENT</b>	<b>EMIL C. WAGNER, Girardville.</b>
<b>SOLICITOR</b>	<b>SAMUEL H. KAERCHER, Pottsville.</b>

## GIRARD WATER COMPANY.

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### GENERAL MANAGER'S REPORT.

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MESSRS. LOUIS WAGNER, *President*, and ALEXANDER BIDDLE, JOHN H. CONVERSE, DALLAS SANDERS, JOHN K. CUMING, *Directors*,  
*of the Girard Water Company.*

#### GENTLEMEN :

THE present plant of the Girard Water Company comprises fourteen hundred and eighty-seven and thirty-seven hundredths acres of mountain land, covering the water-shed of the head waters of Lost Creek and Raven Run streams, and containing upon these streams at different points and elevations four reservoirs of a capacity of 177,029,903 gallons, with two substantial stone and half-stone cottage houses used as residences for reservoir watchmen at No. 3 and No. 4 Reservoirs.

The Company was organized by the Directors of City Trusts to protect the mining interests of the Girard Estate and to furnish water to the public in West Mahanoy Township, on June 11, 1883, and incorporated August 29, 1883. The first reservoir was built by the Girard Estate in 1879, the second also by the Girard Estate in 1880 and 1881. The third was built by the Girard Water Company in 1884 and 1885, and the fourth by the Girard Water Company in 1893.

Reservoir No. 2 was raised in 1881 without increasing the thickness of its embankment, which made its thickness less than it should be to leave the margin of safety required by modern practice in reservoir building. The inside slope of the embankment being steep, two to one, the constant filling up and drawing down incident to feeding a number of collieries direct from this reservoir, continued through fifteen years, caused some sliding of the softened earth of the embankment. It was therefore deemed best to insure positive safety by increasing the thickness of the embankment. This required the removal of the riprap from the interior slope of the bank, special care in loosening up the earth of the old bank and in cutting hitches for the purpose of thoroughly incorporating the new material with the old and in rolling and packing the new part of the bank upon the old. Advantage was taken of the opportunity also to regrade the embankment of Reservoir No. 3, to put in new retaining walls, curbing and paving upon its waste-way, and to bring the inside riprap of its embankment up to a uniform line. Bids were invited for this work early in the year, and Mr. M. P. Quinn, of the late firm of Grant & Quinn, who had the contract for and built Reservoir No. 4 in 1893, being the lowest bidder, was employed to do this work. It was commenced on April 1, 1898, and completed on June 30, 1898. One hundred and seven men and twenty-two horses and carts were employed upon it. The work was rapidly and well done. The cost of the entire work was twelve thousand five hundred and twenty-six dollars and fifty-six cents. In addition to this some attention was given from time to time during the year to the work of removing vegetable matter, logs, roots and mould from the banks of reservoirs and streams for the purpose of purifying the water. Ten thousand White Pine and ten thousand Scotch Pine seedlings were planted on the water-shed of Lost Creek.

Under the verdict obtained July 15, 1897, in the ejectment suit of the City of Philadelphia, Trustee under the Will of Stephen Girard, *versus* George W. Brosius, et al., the occupant of the last of the houses and outbuildings maintained for many years

with their drainage in dangerous proximity to the headwaters of the streams furnishing water to the reservoirs, was ejected by the Sheriff of Schuylkill County on the fourth day of February, 1898, and the buildings were torn away and destroyed the same day.

Lot leases were made to Daniel H. Neiswender and John Hazledine of two strips of ground lying along the north line of the Thomas P. Cope tract. A lot lease with the privilege of cutting ice on Reservoir No. 4 was made to J. W. Daddow, et al., and a similar lease with the ice privilege upon Reservoir No. 3 was made to M. P. Quinn.

During the year ending December 31, 1898, the Company supplied 172,151,956 gallons of water to collieries and railroads and 45,832,952 gallons to the boroughs of Shenandoah and Girardville, and to villages in the Shenandoah Valley lying between them, making altogether 217,984,908 gallons furnished.

The smallest monthly consumption was of April, 12,419,466 gallons, and the largest, of October, 21,966,440 gallons.

The quantities supplied each month of the year were :

In January, 1898.....	19,210,060	gallons.
" February " .....	17,354,272	"
" March " .....	16,287,624	"
" April " .....	12,419,466	"
" May " .....	17,507,612	"
" June " .....	18,133,421	"
" July " .....	20,747,948	"
" August " .....	17,435,804	"
" September " .....	19,921,408	"
" October " .....	21,966,440	"
" November " .....	18,520,030	"
" December " .....	18,480,823	"

Total, year ending December 31, 1898 .....217,984,908 gallons.

Of this, seventy-four per cent was used in coal mining operations, five per cent by railroads and twenty-one per cent in domestic consumption.

The quantity supplied to each colliery, borough and village, was as follows:

To William Penn Colliery.....	60,213,750	gallons.	
“ Preston No. 2 and Bast Collieries	19,633,504	“	
“ Hammond Colliery.....	18,602,760	“	
“ Packer No. 2 Colliery.....	14,930,828	“	
“ Draper Colliery.....	12,000,000	“	
“ Packer No. 5 Colliery.....	10,210,948	“	
“ Packer No. 4 Colliery.....	10,080,796	“	
“ Packer No. 3 Colliery.....	8,471,848	“	
“ Packer No. 1 Colliery.....	5,490,757	“	
“ Girard Washery.....	2,631,945	“	
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Total for mining operations.....	162,267,136	gallons.	74 %
To the Schuylkill Traction Co.....	7,147,888	gallons.	
“ “ Lehigh Valley Railroad Co..	2,736,932	“	
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Total to railroads.....	9,884,820	gallons.	5 %
To Girardville Borough.....	36,925,768	gallons.	
“ Shenandoah Citizens' Water Co..	4,675,000	“	
“ L. V. C. Co., Houses at Lost Creek	2,636,700	“	
“ William Parfit et al., E. Lost			
Creek.....	1,173,612	“	
“ James F. Gallagher et al., N.			
Lost Creek.....	346,324	“	
“ Patrick M. Noone.....	75,548	“	
Total to towns for domestic use.....	45,832,952	gallons.	21 %
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Total to all consumers.....	217,984,908	gallons.	100 %

The total water supplied by the Girard Water Company from January 1, 1884, the date when it took possession of the works and commenced business, has been 2,325,502,308 gallons. The quantities furnished each year were as follows:



In the twelve months to December 31, 1884	92,848,023 gallons.
" " " " 1885	149,350,286 "
" " " " 1886	123,716,803 "
" " " " 1887	81,318,299 "
" " " " 1888	102,205,751 "
" " " " 1889	103,896,900 "
" " " " 1890	122,503,850 "
" " " " 1891	125,115,998 "
" " " " 1892	170,985,664 "
" " " " 1893	191,642,967 "
" " " " 1894	219,485,513 "
" " " " 1895	225,386,086 "
" " " " 1896	187,436,786 "
" " " " 1897	211,624,474 "
" " " " 1898	217,984,908 "

Total water furnished in 15 years 2,325,502,308 gallons.

The average gross price received for all water supplied during the year ending December 31, 1898, was \$0.08 per thousand gallons. The average gross price received for all water furnished in the last nine years was:

In 1890.....	8.25 cents per thousand gallons.
" 1891.....	8.35 " " "
" 1892.....	8.23 " " "
" 1893.....	8.04 " " "
" 1894.....	7.49 " " "
" 1895.....	7.79 " " "
" 1896.....	7.72 " " "
" 1897.....	7.73 " " "
" 1898.....	8.00 " " "

The water stored in the reservoirs on December 31, 1897, was 89,815,173 gallons. The rains and snows of January, 1898, so rapidly increased the quantity of stored water that by the thirty-first of January all the reservoirs were full, containing 177,029,903 gallons. On March 17, having laid a main pipe from Reservoir

No. 3 around the embankment of Reservoir No. 2 for the purpose of supplying water to Packer No. 3, Packer No. 4 and William Penn Collieries and the Citizens' Water Company of Shenandoah, usually supplied from Reservoir No. 2, the discharge pipes of the latter reservoir were opened and all the water it contained was slowly drawn out for the purpose of making the repairs above described. On March 21 this reservoir was empty, and remained empty until the eighth day of June, when the gates were closed and the surplus water was retained. It was not, however, until the twenty-seventh day of August that all the reservoirs were again filled.

During September and October the consumption was large and the quantity of water was again drawn down, but by the end of November the reservoirs were filled by the abundant rains of that month, and continued full to the end of the year. The stored water is now :

In Reservoir No. 1.....	400,000 gallons.	Full.
“ Reservoir No. 2.....	29,956,785	“ Full.
“ Reservoir No. 3.....	73,092,228	“ Full.
“ Reservoir No. 4.....	73,580,890	“ Full.

Total stored water December 31, 1898.....177,029,903 gallons.

The rainfall during and the water stored at the end of each month of the year was :

Rainfall of 1898.		Water Stored, 1898.	
January.....	5.43 inches.	January 31.....	177,029,903 gallons.
February.....	1.77 “	February 28.....	177,029,903 “
March.....	4.26 “	March 31.....	147,073,118 “
April.....	4.21 “	April 30.....	147,073,118 “
May.....	6.33 “	May 31.....	147,073,118 “
June.....	2.38 “	June 30.....	126,481,403 “
July.....	4.84 “	July 31.....	108,098,355 “
August.....	11.32 “	August 31.....	177,029,903 “
September.....	1.14 “	September 30.....	155,619,102 “
October.....	6.18 “	October 31.....	150,691,480 “
November.....	5.00 “	November 30.....	177,029,903 “
December... ..	3.02 “	December 31.....	177,029,903 “

The monthly rainfall of each of the twelve years, during which a record has been kept at the reservoirs, along with the annual rainfall and the annual and monthly average are shown in the following table:

	Average of Twelve Years.											
	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
January.....	5.03	3.50	3.80	2.94	8.74	8.46	4.09	2.72	3.82	1.39	2.59	5.43
February.....	5.32	3.45	1.66	4.56	4.36	1.46	7.00	5.52	1.54	6.40	3.46	1.77
March.....	1.32	4.35	2.77	5.25	4.08	7.60	4.82	1.13	2.80	6.00	2.89	4.26
April.....	3.13	3.29	7.23	4.40	3.54	1.77	3.58	5.43	4.91	1.88	3.77	4.21
May.....	3.65	7.08	6.93	12.41	1.80	4.95	8.51	12.69	3.33	2.23	8.27	6.33
June.....	6.52	6.50	8.01	4.56	3.70	7.62	2.17	1.79	2.77	5.14	4.17	2.38
July.....	3.51	3.34	9.46	6.36	9.64	4.35	4.87	2.50	2.73	11.30	5.58	4.84
August.....	8.79	8.58	6.03	6.48	9.47	2.56	4.11	1.47	4.69	1.28	2.64	11.32
September.....	3.41	8.18	6.50	4.51	1.99	3.42	3.10	5.74	2.69	3.26	2.48	1.14
October.....	1.16	4.83	4.41	6.24	3.77	0.41	3.87	7.66	3.47	5.55	1.98	6.18
November.....	1.98	4.90	10.16	1.67	5.12	4.70	3.57	2.99	2.71	8.05	6.12	5.00
December.....	4.91	4.62	3.31	4.65	6.23	2.02	3.23	4.75	4.65	1.20	5.92	3.02
Year.....	48.73	62.62	70.27	64.03	62.44	49.32	52.92	54.39	40.11	53.68	49.87	55.88

The average monthly rainfall for twelve years is 4.61½ inches. The excess of rainfall for the year 1898 is 3½ per cent.

Very respectfully yours,

HEBER S. THOMPSON,  
*General Manager.*

POTTSVILLE, PA., *December 31, 1898.*

SUPERINTENDENT'S OFFICE  
**GIRARD WATER COMPANY.**  
**RECORD OF RAIN AND SNOW FALLS**  
 (EXPRESSED IN INCHES AND HUNDREDTHS)  
**FOR THE YEAR 1898,**  
**AT LOST CREEK DAMS ON NORTH MAHANOEY MOUNTAIN, SCHUYLKILL COUNTY, PENNA.**  
 Elevation above tide, 1605 feet.

Month.	Snow.	Melted.	Rain.	Total.	Total for Month.	Month.	Rain.	Total for Month.	Month.	Snow.	Melted.	Rain.	Total.	Total for Month.	
Jan.	6	...	26	26		May	2	23	Sept.	6	...	09	09		
"	9	1 50	15	15		"	3	30	"	7	...	15	15		
"	12	...	06	06		"	5	36	"	15	...	15	15		
"	15	1 50	26	46	72	"	6	10	"	22	...	30	30		
"	19	50	10	10		"	7	16	"	23	...	20	20		
"	20	...	62	62		"	8	81	"	26	...	25	25		
"	22	4 00	48	48		"	10	08	"						
"	23	...	1 28	1 28		"	11	20	"			1 14	1 14		
"	25	4 00	76	76		"	15	92	"						
"	28	1 00	10	10		"	16	1 00	"						
"	29	1 00	10	10		"	19	61	"						
"	31	8 00	80	80		"	20	22	"						
						"	22	19	"						
	21	50	2 75	2 68	5 43	"	23	34	"						
Feb.	1	5 00	50	50		"	24	07	"	4	...	04	04		
"	14	...	06	06		"	25	04	"	5	...	77	77		
"	15	1 00	12	12		"	26	02	"	7	...	10	10		
"	19	...	30	30		"	27	20	"	8	...	55	55		
"	20	...	30	30		"	29	48	"	11	...	43	43		
"	21	1 00	16	04	20				"	14	...	76	76		
"	22	1 00	14	14		June	11	46	"	18	...	30	30		
"	24	...	03	03		"	12	20	"	19	...	06	06		
"	25	1 00	12	12		"	13	21	"	21	...	60	60		
						"	19	16	"	22	...	73	73		
	9 75	1 13	64		1 77	"	21	46	"	26	...	1 12	1 12		
March	2	4 00	40	40		"	22	13	"	30	...	12	12		
"	12	...	21	21		"	25	11	"			6 18	6 18		
"	13	...	23	23		"	26	28	"						
"	16	...	20	20		"	28	37	"						
"	17	...	26	26											
"	19	...	14	14		July	8	53		10	...	1 57	1 57		
"	20	...	10	10		"	9	26		13	...	20	20		
"	21	6 00	60	60		"	18	23		14	...	10	10		
"	22	...	61	61		"	19	42		17	...	42	42		
"	23	...	20	20		"	20	47		18	...	60	60		
"	24	1 00	14	14		"	26	1 30		19	...	27	27		
"	26	...	30	30		"	27	54		22	...	28	28		
"	27	...	12	12		"	28	49		23	...	13	13		
"	28	...	63	63						24	4 00	44	44		
"	31	1 00	12	12		August	1	23		26	5 00	48	48		
						"	3	05		29	2 00	24	24		
	12 00	1 26	3 00		4 26	"	4	3 70		30	2 25	27	27		
April	2	...	08	08		"	5	47				13 25	1 43	3 57	5 00
"	5	3 00	33	33		"	8	62							
"	6	...	05	05		"	9	65							
"	10	...	14	14		"	10	1 03							
"	14	...	75	75		"	17	42							
"	15	...	1 00	1 00		"	18	60							
"	19	...	20	20		"	19	20							
"	23	...	63	63		"	24	56							
"	24	...	20	20		"	25	46							
"	25	...	49	49		"	26	26							
"	26	...	30	30		"	30	07							
"	28	...	08	08											
"	29	...	06	06											
	4 00	46	3 75		4 21			11 32							

Total snow fall for year.....	75.50 inches.	Precipitation 1890.....	64.03 inches.
Total precipitation for year.....	55.88 "	1891.....	62.44 "
Average monthly precipitation.....	4.66 "	1892.....	49.32 "
Greatest monthly precipitation, Aug.....	11.32 "	1893.....	52.92 "
Least monthly precipitation, Sept.....	1.14 "	1894.....	54.39 "
Greatest daily rain fall, August 4.....	3.70 "	1895.....	40.11 "
Precipitation 1887.....	48.73 "	1896.....	53.68 "
" 1888.....	62.62 "	1897.....	49.87 "
" 1889.....	70.27 "	1898.....	55.88 "

GIRARDVILLE, Pa., December 31, 1898.

E. C. WAGNER, Superintendent.

## GIRARD WATER CO.

## TREASURER'S REPORT.

## ASSETS AND LIABILITIES, DECEMBER 31, 1898.

*Assets:*

Works on Lost Creek and Raven

Run ..... \$201,645 52

Cash..... 293 52

Water Rents due and uncollected... 417 79

Lot Rentals due and uncollected... 4 50

*Liabilities:*

Capital Stock..... \$200,000 00

Dividends uncollected..... 302 50

Rent of Pipe Lines, balance unpaid

account of 1898..... 2,000 00

\$202,361 33

202,302 50

Surplus..... \$58 83

## CASH RECEIPTS AND PAYMENTS DURING THE THIRTEEN MONTHS

DECEMBER 1, 1897, TO DECEMBER 31, 1898.

*Receipts:*

Water Rents..... \$18,411 38

Ice Cutting Privilege..... 100 00

Temporary Loan, Girard Estate.... 6,200 00

\$24,711 38

Cash Balance, December 1, 1897..... 13,225 76

Total carried forward..... \$37,937 14

<i>Amount brought forward.....</i>		\$37,937 14
<i>Payments:</i>		
<i>Expenses—</i>		
Taxes.....	\$1,000 00	
Rent of Pipe Lines—		
1897.....	\$5,000 00	
1898, on ac.	3,000 00	
	<u>8,000 00</u>	
Repairs and Improve-		
ments to Reservoirs..	12,690 15	
Repairs and Improve-		
ment to Buildings....	130 83	
General Improvements	371 04	
Salaries.....	910 00	
Team Hire.....	195 00	
Miscellaneous Expenses	147 35	
Stationery and Printing	19 25	
	<u>\$23,463 62</u>	
Temporary Loan returned to Girard		
Estate.....	6,200 00	
Dividend, December, 1897.....	7,980 00	
	<u>37,643 62</u>	
<i>Cash Balance, December 31, 1898.....</i>		<u>\$293 52</u>

FRANK M. HIGHLEY,  
*Treasurer.*

PHILADELPHIA, *December 31, 1898.*



# APPENDIX D.

## OFFICERS OF GIRARD COLLEGE, JANUARY 1, 1899.

### President.

ADAM H. FETTEROLF, Ph.D., LL.D.

### Vice-President.

WINTHROP D. SHELDON, A.M.

### Faculty and Teachers.

GEORGE J. BECKER,  
*Emeritus Prof. of Drawing.*

WARREN HOLDEN, A.M.,  
*Emeritus Prof. of Mathematics.*

N. WILEY THOMAS, Ph.D.,  
*Prof. of Chemistry and Physics.*

JAMES N. WALKER, A.M.,  
*Prof. of English and Literature.*

FRED'K PRIME, A.M., Ph.D.,  
*Prof. of Natural History.*

JOHN K. HARLEY, M.E.,  
*Prof. of Book-keeping, Penmanship, and  
Drawing.*

PIERRE FRANÇOIS GIROUD,  
Licencié ès Lettres (Univ. of France),  
*Prof. of French.*

CAPT. FRANK A. EDWARDS,  
First Cavalry, U.S.A.,  
*Prof. of Military Science and Tactics.*

CALIXTO GUITERAS, C.E.,  
*Prof. of Spanish.*

ARCHIBALD COBB,  
*Teacher of Phonography.*

C. ADDISON WILLIS, M.E.,  
*Prof. of Mathematics.*

MISS MARIAN B. HERITAGE,  
*Teacher of Elocution.*

### Librarian.

GEORGE P. RUPP.

### Teachers in Third Form.

MISS CHARLOTTE E. OVERN,

MISS MARY D. WARE,

MISS HESSY R. MILLER,

MISS VIRGINIA B. TUCKER,

MISS EMILY P. TOWN,

MISS SUSAN B. PRICE,

MISS INEZ E. WALSH,

MISS LOUISE St. C. WOLF,

MISS ELIZABETH McDUFFEE,

MISS MARTHA G. McLAUGHLIN,

MISS MARGARET WYLIE.



**Teachers in Second Form.**

MISS MARY E. ROBB,	MISS EMILY E. PAYNE,
MISS ANNIE D. SWIFT,	MISS MARY PEOPLES,
MISS JANE PEOPLES,	MISS CLARA G. DUFFY,
MISS KATHARINE H. BROPHY,	MISS GEORGIE A. CURRIE,
MISS LAURA E. BAYMORE,	MISS BESSIE BURNETT,
MISS BESSIE SHARP,	MISS EVA ROBERTS.

**Teachers in First Form.**

MISS C. JESSICA J. DONNELLY,	MISS A. TILLIE SHENK,
MISS IONA M. NOWLEN,	MISS NELLIE ALBRECHT,
MISS CARMELITA E. BOETTGER,	MISS JANE KNOX JACKSON,
MISS HELEN A. WILSON,	MISS IDA TIMMONS,
MISS CHARLOTTE A. RAGOTZKY,	MISS KATHERINE S. PAUL,
MISS KATHERINE L. MORGAN,	MISS LILLIE MacFARLAND,
MISS MARTHA D. SHARP.	

MISS FANNY WEST,	WILLIAM D. BASTERT,
<i>Teacher of Drawing.</i>	<i>Instructor of Brass Band.</i>
THOMAS A'BECKET,	THOMAS WINN,
<i>Prof. of Vocal Music.</i>	<i>Prof. of Vocal Music.</i>
JERRY MARCH,	LOUIS LEWIS,
<i>Prof. of Vocal Music.</i>	<i>Instructor of Gymnastics.</i>

**Mechanical School.**

THELLWELL RUSSELL COGGESHALL,  
*Superintendent.*

DAVIS EAVENSON,	CHARLES M. KNAPP,
<i>Instructor in Wood Turning.</i>	<i>Instructor in Electrical Mechanics.</i>
CHAS. S. WILLIAMSON, B.S.,	GEORGE A. PEDDLE,
<i>Instructor in Mechanical Drawing.</i>	<i>Instructor in Iron Work.</i>
JOHN UPRICHARD,	ROBERT H. CLINGER,
<i>Instructor in Plumbing.</i>	<i>Instructor in Carpentry.</i>
WM. HOWARD ECHTERNACH,	JOSEPH ASTLEY,
<i>Instructor in Foundry.</i>	<i>Instructor in Blacksmithing.</i>
GEORGE W. NORTON, B.S.,	
<i>Instructor in Sloyd.</i>	

## HOUSEHOLD.

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### Matron.

MISS ANNA M. SHREVE.

### Assistant Matron.

MRS. ELIZABETH B. THOMPSON.

### Governesses.

MISS MARY WHITE,	MISS PHOEBE SILLIMAN,
MISS MARY L. GOVERS,	MISS ADELE C. CASE,
MISS SALLIE M. CHEW,	MISS ELIZABETH EKINGS,
MISS CAROLINE M. WHITECAR,	MRS. HANNAH E. EARL,
MRS. FANNIE T. BOAS,	MRS. EDITH W. STONE,
MISS ANNA B. GROVE,	MISS LILIAN T. SMITH,
MISS VIRGINIA MILLER,	MISS SARA H. WHITBY,
MRS. EMMA NOBLE,	MISS MARGARETTA P. BULLOCK,
MRS. ELIZABETH KRICKBAUM,	MISS MARY MCBRIDE,
MRS. ANNIE H. RAINIER,	MRS. MARGARET A. SPIESE,
MISS MARY FRANKLIN,	MISS ELIZABETH THORNILEY,
MISS LIZZIE C. DARE.	

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### Steward.

THOMAS PERRINS.

### Assistant Steward.

FRANK O. ZESINGER.

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### Senior Prefect.

WILLIAM H. KILPATRICK.

**Prefects.**

HENRY HANBY HAY,  
WILLARD B. RIVELL,  
FRANK H. DANENHOUR,  
GEORGE W. PRICE,  
WILLIAM H. HAGER,  
JAMES B. McDERMOTT,  
TOWNSEND R. WOOD,  
ALBERT B. HARMER,

CHARLES E. DAVIS,  
ISAAC P. WALKER,  
CHARLES C. HENSHEN,  
THOMAS W. FERGUSON,  
GEO. D. RISE, JR.,  
GILLINGHAM F. DOUGHTY,  
WILLIAM L. DAWES.  
B. FRANK WICKERSHAM.

**Visiting Physician.**

WILLIAM S. JANNEY, M.D.

**Resident Physician.**

WITTEN BOOTH RUSS, M.D.

**Dentist.**

WILBUR F. LITCH, M.D.

**Superintendent of Admission and Indentures.**

JOHN S. BOYD, Stephen Girard Building, 21 South Twelfth Street.

## GIRARD COLLEGE.

### PRESIDENT'S REPORT FOR 1898.

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GIRARD COLLEGE, January 1, 1899.

*To the Board of Directors of City Trusts :*

GENTLEMEN,—During the year 1898 there were admitted to the College 258 boys.

**DISCHARGED :**

Indentures cancelled—

To enable them to accept positions.. .. .	218
On account of mental incapacity.....	3
On account of misconduct.....	7
On mother's plea of ability to support.....	5
Given up to guardian.....	1
Transferred to State Insane Asylum, Norristown	1
	<hr/>
	235
Bound out.....	1
Eighteen years of age.....	12
	<hr/>
	248
Died.....	8
	<hr/>
Total decrease.....	256
	<hr/>
Number enrolled, December 31, 1898.....	1538

The year 1898 was one of very few changes in our force of instructors and household officers. The instructors remain as they were at the beginning of the year, with the exception of the

teacher of Sloyd, Mr. George W. Norton, B.S., who entered on duty at the opening of this department, October 1st.

Captain Frank A. Edwards, First Cavalry, U.S.A., professor of Military Science and Tactics, was ordered to his regiment at the breaking out of the war, and has not yet returned. During his absence, Prefect George D. Rise, who, as a former pupil of the College, was one of our most efficient cadet captains, has been acting commandant and drill-master of the battalion.

In the early part of the year the two relieving governesses, Miss Mary White and Miss Eliza J. Hare, were retired; and in July last Miss Hare died. She had been in the employ of the College over thirty years, was faithful, conscientious, and efficient in the discharge of her duty. It was decided to employ a relieving prefect in place of the two retired governesses, and Mr. B. Frank Wickersham was appointed to the position.

Of the general work of the College during the year I beg to submit the following review:

The work in the school-rooms has presented no features of unusual significance. It has been carried on with patient faithfulness on the part of the teachers, and in general with industry and success on the part of the pupils. There are, however, some features worthy of special mention.

#### DEPARTMENT OF NATURAL HISTORY.

The usefulness and efficiency of this department have been greatly extended during the last five years. A large set of minerals has been added. The collection has been further increased by the addition of a fine outline map of Pennsylvania and a set of Kiepert's maps.

There have also been recently added:

A fine set of development specimens from the egg, as illustrated by the trout, the frog, the newt, the lizard, the snake, the bee, and the fly.

Four sets illustrating the habits of the flamingo, the kingfisher, the chimney-swallow, and the screech-owl.

*Birds.*

Wandering Albatross,	Set of Humming-birds,	Lapwing,
California Condor,	Griffin Vulture,	Black Swan,
Hornbill,	Auk,	Trojan.

*Quadrupeds.*

Ape,	Langur,	Baboon,
Tarsier,	Lemur,	Howling Monkey.

*Carnivora.*

Canada Lynx,	Jackal,	Cat.
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*Marsupials.*

Bandicoot,	Tenrec.	Wombat.
Kangaroo, with young in pouch.		

*Deer Family.*

Prong-horn Antelope,	Gazelle,	Chamois,
Virginia Deer,	Musk Deer.	

*Fishes.*

Sawfish,	Torpedo,	Angler,
Flounder,	Muræna,	Paddle-fish,
Models of an Eel,	Bass,	Herring,
	Perch.	

*Snakes.*

Python.	Boa-Constrictor,	Rattlesnake,
	Copperhead.	

*Lower Vertebrates.*

Monitor,	Chameleon,	American Chameleon,
Glass Snake,	Skink,	Sphenodon,
Menobranchus,	Hellbender.	

To the lower order of invertebrates notable additions have been

made, so that the recitations, instead of being confined to the book, are very largely illustrated by specimens.

To the insects a very full line of butterflies has been added.

### SPANISH.

The late war with Spain has given a new impetus to the study of the Spanish language. Throughout the country, and especially in the schools, there is an increasing demand for knowledge of the language and of the people with whom we have had such peculiar and interesting relations during the year just closed. Whatever views we may hold as to our duty to the conquered provinces we are sure to be brought into closer dealings with the people, and in meeting with them we are confronted with the difficulty of a foreign tongue.

Our instructor in this department has made good use of this new interest on the part of his pupils, and reports very satisfactory progress. He combines in his teaching the natural method—in which the vernacular only is used—with the text-book method, as he finds that in this way alone he can obtain the best results in the short time that is of necessity allotted to this department. Under the new system his work is arranged as follows:

CLASS 4-1.—The boys of this class are required to write two or three lessons in their note-books, consisting of a vocabulary made up of the most familiar words and easy sentences, which they are taught to pronounce and required to memorize. They are given the numbers from one to twenty, the days of the week, etc. Towards the end of the term they make a beginning in the grammar.

CLASS 4-2.—The first twelve or fifteen lessons in the grammar with black-board exercises. Reviewing the note-books and one or two extra lessons in familiar practical words and sentences.

CLASS 4-3.—Alternates the grammar with the reader. Takes up the complete conjugations of verbs. Continuation of practical words and sentences.

CLASS 4-4.—Continuation of grammar and reader. Conjugation of verbs. Dictation of business letters and anecdotes.

CLASS 4-5—Review grammar and note-books. Take up Second Reader. Business letters and short stories.

CLASS 4-6.—Continue on same lines as Class 4-5, supplemented by some passages from Cervantes' "Don Quixote" and original compositions.

### MANUAL TRAINING.

Before the present year no provision had been made for educational hand-work among the boys of the First and Second Forms. The Mechanical Department, established about sixteen years ago, and enlarged from time to time, has included the pupils of the Third and Fourth Forms only, for the reason that the work of the department is too heavy, and most of it too difficult, for younger boys. General provision for some form of training in hand-work is especially needful in an institution like ours, where the boy is of necessity debarred from all manual exercises, unless they are supplied directly by the institution. The value of hand training even for the younger boys requires at this day no demonstration, not only because of its general moral influence in inspiring a respect for, and a love of, physical labor and in cultivating habits of neatness, order, and exactness; but also because of its direct advantage in training the eye and the senses of form and touch, and in imparting dexterity of hand in the use of tools. The need of some simple and light form of manual training for the younger boys had long been recognized; and accordingly the Sloyd system, useful both for its immediate results and as a preparation for the course in the Mechanical Department, was introduced in the early autumn. The west hall on the third floor of Building No. 10 was fitted up with all the appliances, and furnishes a room nowhere surpassed in convenience for Sloyd work. A gentleman of liberal education, as well as of thorough technical training in this branch of instruction, has been placed in charge. Even the few months that have elapsed since instruction began indicate that practical results of very great value may be anticipated. At present only the two upper grades of the Second Form—three hundred and twenty boys—are under tuition, in classes of twenty each. Each division is received by the instructor one period per week, the



periods being two hours in length. The pupils enter into the work with eager interest, and though just so much time is taken from their ordinary school studies, it is believed that these will not suffer. On the contrary, the pupil will return to them with added zest from his periodical excursions in Sloyd.

The Mechanical School, with its seven departments,—Mechanical Drawing, Carpentry, Metal Working, Blacksmithing, Foundry Work, Plumbing, and Electrical Mechanics,—is moving forward with commendable success. During recent years its improved facilities, comprehensive curriculum, and practical methods of teaching, have placed the school abreast of the best institutions of the kind anywhere. Among the improvements of the last five years we may mention the following:

1. The introduction of electric motors in place of steam power. This change relieves the school of the noise of running machinery, which was formerly such a distraction during the lecture periods.

2. The card system of recording averages, by which the entire career of the pupil may be seen at once.

3. A fine steam test-table has been placed in the metal department, so that when a student has completed a small engine he can set it up and test it himself.

4. In the wood department the course has been brought more within the comprehension of the pupils. The older boys have displayed marked talent in the construction of show cases, stair-building, and advanced pattern-making, even to the constructing of a model of a two-story house, making all the doors, windows, sashes, frames, etc.

5. There has also been a step forward in the Department of Mechanical Drawing. Among other things the instructor has prepared a series of large scale charts and blue prints, made in a scale different from those the pupils use, compelling them to work from figured dimensions rather than copying with the compass and dividers.

6. In the Department of Electrical Mechanics the work has kept pace with this rapidly advancing science. It is equipped with all the latest and best apparatus and appliances. One of the attrac-

tions of this department is a model of an electric railway or trolley system, complete to the minutest detail, containing about one hundred and fifty thousand pieces. There are also complete models to demonstrate the construction of arc lamps, both open and enclosed; complete models for demonstrating the making and working of incandescent lamps; partially complete models for demonstrating the construction of the electric telephone, together with a system of intercommunicating telephones to each class-room from the superintendent's office; the construction and operation of the electric motor and dynamo.

7. The Plumbing Department, although less than five years old, is thoroughly equipped with all the appliance for teaching practical and sanitary plumbing. It has a gallery divided into three sections, each representing the kitchen and bath-room of a small dwelling house. These have been fitted up by the more advanced pupils with the usual plumbing fixtures. One division represents a modern city kitchen and bath-room, with the water coming from the street main. The second division represents a country kitchen and bath-room, with the water-supply coming from a well or cistern,—a pump conveying the water to a tank on the third floor. Stationary wash-tubs and piping for hot and cold water are also supplied. The third division represents a house that has never had hot or cold water. The boys are instructed how to put a water-back in the range, set a boiler, and pipe the house for hot water and cold. Among the things made by the boys in this department are a water-wheel, a siphon-basin, a pair of Hero's fountains, a hydraulic ram, and an overshot-wheel.

We suggest that the time has come when the rank of our Mechanical School and its relation to the other departments of the College demand that a descriptive pamphlet shall be published, setting forth in detail the various courses of study, fully illustrated by drawings and figures, and with interior and exterior views of the buildings. Outside of the College comparatively little is known of our Mechanical School, except as now and then some representative from another institution of similar character visits it. Every important school of the kind has its illustrated prospectus, through

which the general public and the officers and instructors in other schools of like purpose, and others interested in manual training, may learn of and study its work. A prospectus of this sort is often called for by such persons, and would be very useful for mutual exchange with other institutions. All institutions of learning belong to the great commonwealth of education, and should be, so far as possible, helpful to one another, ready to give each from its own store of experience for the common welfare, as well as to receive what others have to bestow.

### EXAMINATIONS.

For several years the regular examination held at the close of each term has been omitted, in accordance with the opinion that such examinations are of comparatively little value. In their place irregular examinations are held at the discretion of the teacher, and an occasional test examination is given by the president or vice-president on some one or more branches of study. Near the close of the Fall term special test papers were given out by the vice-president, who makes the following comment on the results:

"In some respects there has been decided improvement in the language work. On the whole, there is among the boys a better command of words with which to express themselves and greater correctness in the use of language. This is, however, a subject that requires the most unremitting and systematic labor on the part of the teachers. Every study should be employed for developing the power of free and correct expression. In spelling, our boys will compare favorably with other boys of corresponding ages and grades of study. But still there is room for decided advance. The pupils, as they pass on from grade to grade, do not show that growth in ability to read well, which they ought. It is not enough merely to hear a reading lesson. If good reading is to be had, it must be taught; accurate enunciation and articulation, distinctness of utterance, animation, natural expression, proper emphasis and inflection must always be insisted upon, and suitable practice should be had to secure flexibility and precision in the action of the vocal organs. Every teacher should realize that at all times she is

a good or a bad object lesson, as the case may be, in vocalization. Too much pains, therefore, cannot be taken to make all her own reading to the class a fitting example for them to follow. Carefully prepared expressive reading (by the teacher) of short selections in prose or verse, with such preliminary explanations as may be needful, that the pupils may listen intelligently and therefore appreciatively, is extremely useful as illustrating to them what really good reading is, and setting an example for their imitation. The memorizing, as often as possible, of choice selections, for careful, effective recitation by the pupil himself, would have an improving influence upon his style of reading. It would be very useful if the instructor of elocution in the Fourth School could be employed more hours, so that she might have some oversight of the reading in the grammar grades, visiting the classes and making helpful suggestions.

“The work in geography and history needs no special comment. With the resources supplied for the teaching of these branches there should be no lack of sustained interest.

“The mathematical work holds a very important place in our curriculum, and very properly a great deal of time and attention is given to it, in view of the importance of the subject to our boys in their future occupations. While too much in the way of mathematical reasoning power should not be expected of children under high-school grade, there is danger, on the other hand, of not exacting enough. The reasoning faculty is developed by exercise, by having responsibility thrown upon it. It is a question whether, in the methods of recent years, the road is not made too plain and too easy, whether too much explanation is not given, instead of only enough to supplement the due activity of the child's own mind. While the general results of our arithmetical instruction may be described as fairly satisfactory, there is not the success that there ought to be in accustoming the majority of pupils to depend upon their own reasoning powers, in applying principles and processes. The mental inertia which waits to have a thing explained by the teacher rather than be at the trouble of reasoning it out must not be gratified, if the best results are to be obtained. In

every study the methods and limits of oral teaching and explanation should be carefully adjusted, so that work shall not be done for the pupil, which for his own mental growth he ought to be required to do himself.

"The observation lessons in natural history, outlined in the course of study, form a very valuable feature of school instruction. While to many they do not seem to have the practical value of some other studies, yet no plan of education can be regarded as adequate which fails to awaken in the pupil a permanent interest in the natural world about him, and to impart to him sufficient knowledge of these subjects to furnish the basis for future acquisition. The Fourth School is at present provided with efficient instruction and excellent appliances in the Department of Natural History; but in the First, Second, and Third Schools the observation lessons under existing conditions are left to the more or less haphazard and inevitably unsystematic efforts of the regular class teachers, who have quite enough to do in other lines of work. What has been done, even though fragmentary, has demonstrated the value of such teaching; and notably the lessons in the elementary principles of natural philosophy have been well carried out. But to make the observation lessons in botany and in zoology really effective there is need of a special teacher, an expert qualified by education and experience to take entire superintendence of that work in the grammar grades. This expert should be supplied with material as it is needed for demonstration, and go from room to room, conducting the lessons in the same way as the teachers in drawing and music do now. In this way only can this branch of grammar-grade work be made thoroughly interesting, progressive, systematic, and hence profitable, and produce substantial results with a moderate expenditure of time in each class.

"Progress is the very life of education. No school and no teacher can afford to be satisfied with present attainment. There should be a wholesome discontent, not the discontent of the pessimist, who fails to appreciate what the past has accomplished and takes a discouraged view of the present and the future, but that of the optimist, who, while heartily recognizing at its true value the good

work already done, is never satisfied with that, but reaches out after something better, of which the progress already made is the hopeful promise."

#### DISCIPLINE.

The pupils in every school may be divided into three classes: first, those who are well-behaved and perform with earnestness and faithfulness the work that is assigned them, without any special pressure from the teacher; second, those who require from the teacher more or less of persistent and determined effort in order to secure good conduct and satisfactory work; third, those who are restive, even rebellious, under the authority of the teacher, indifferent, without ambition, often ugly, ill-tempered, insolent and insubordinate, when required to do their careless work over again, or when corrected for disorder. Their whole attitude towards school authority may be summed up in the expression "I won't," which is the voice of their actions and sometimes of their tongues. The effect upon the class of the presence of one or two such characters is well understood.

The first two classes mentioned are easily managed, and require, as a rule, no special treatment. But the third offers a very serious problem. Ordinary means and motives have apparently little effect upon them. They must therefore be dealt with in some special way by such extraordinary means as will effectually suppress them, since it is the duty and business of schools to educate and train such children, if possible. This is due both to the youths themselves and to society, of which they are to become members. And the schools cannot relax or abandon their effort until it is conclusively shown that members of this third class are beyond the power of the ordinary school to improve them.

It would seem strange if among the sixteen hundred boys gathered here, there were no representatives of this class. It is a most serious question with reference to the interests both of such boys and of the entire student body what ought to be done with them. Evidently they should not be permitted to demoralize others, or to interfere with the orderly movement of school-life and work; but as soon as all possible means have been exhausted and it is

found that they will not be amenable to authority and improve the opportunities given them, they should be sent out from the institution.

What, however, can and should be done before resorting to such an extreme measure? Such boys for the most part have reached the age when their salvation may be said to depend upon their being placed under the continuous care of a man, a person of impressive physical power, as well as of moral and intellectual force. The lady in charge of a class of forty boys ought not to be subjected to the indignity and nervous strain of having a single boy remain in her class who shows a disposition to be defiant, insubordinate, insolent, and regardless of her requirements; nor should the class be subjected to the detrimental influence of such a boy's presence. If the ordinary means of discipline fail to bring him to order and respect for authority, he should be sent to a class specially organized and in permanent operation for the benefit of just such cases, under a man fitted and instructed to apply as rigorous a regimen as each case may require, until the boy is ready to return to his regular class and behave himself. The lesson of respect for and obedience to constituted authority is one of the most important that can be wrought into a boy's character; and many of the greatest evils of our present social life are directly traceable to a too common lack of this fundamental element of all education.

#### ART EDUCATION.

During recent years educators have had their attention called to the subject of school-room decoration. There is a growing sentiment in favor of having something in every school-room to relieve the staring blankness of the walls, to please the eye, to cultivate a taste for the beautiful, to stimulate and satisfy the "mind's many-sided needs." With a few pictures, whether of eminent men, of historic places or buildings, or masterpieces in architecture, painting, or sculpture, before the eyes of the child, the atmosphere of the room is changed. The more he becomes familiar with the good, the beautiful, and the pure in man and nature, the more he will be inclined unconsciously to imitate. This important move-

ment originated in England in 1883, under the leadership of Ruskin, who says: "We have hitherto been in the habit of conveying all our historical knowledge, such as it is, by the ear only, never by the eye: all our notions of things being ostensibly derived from verbal description, not from sight. I have no doubt that as we gradually grow wiser we shall discover that the eye is a nobler organ than the ear, and that through the eye we must in reality obtain or put into form nearly all the useful information we have about the world."

The effect of all such decorations, if in good taste, will be to quicken the intellect and purify the taste without in the least encroaching upon school time or interfering with school work.

It has been noticed that foreign-born children, who attend services in churches and cathedrals, where there are beautifully stained-glass windows, have much better ideas of fine shades of color than American-born children, many of whom attend worship in buildings devoid of all decoration.

The portrait of a truly great man suggests a noble life, and the contemplation of a noble life is an inspiration. The sight of an historic building suggests to the mind of the observer the historic events connected with it and the desire to read and study the facts connected with it. On the theory that education is intended to accomplish two things,—viz., bread-winning and sweetening life,—we believe that art should go hand in hand with literature and music. It tends to broaden the vision and to increase the capacity for enjoyment.

We have placed on the walls of the school-rooms, section-rooms, and halls during the last five years a number of pictures of various sizes. They are selected with much care, our aim being to get such as will be interesting, instructive, and elevating.

### THE GYMNASIUM.

The demand for the Gymnasium is growing, and I may add that this demand is felt by the directors as well as by those within the walls. This feeling being so general the president indulges the



hope that the beginning of the new century may be celebrated with the opening of a new and well-equipped gymnasium.

Educators, as well as other thoughtful observers throughout the country, are noticing the weak physical condition of the children of to-day. The cause is not difficult to see. Less and less attention is given to agricultural pursuits and people everywhere are crowding into the cities. The result is feebleness and a tendency to disease. The average city-bred boy is too frail physically to endure fatigue, and too weak to bear the pains and face the dangers that come to us all. The Girard boy in many instances inherits a delicate constitution and so meets a handicap on the threshold of life. To equip the minds of such boys with knowledge to the neglect of the bodily health and strength is not making a wise use of Mr. Girard's benefactions. An educated invalid is a blessing neither to himself nor to the community.

#### THE SUMMER VACATION.

The vacation problem is with us still one of the unsolved problems. When a boy has friends or relatives who can give him a comfortable home in the country he is permitted to spend the whole of it away from the College. If he has a pleasant time he will be the better for it morally, mentally, and physically. If he does not have quite so good a time as he anticipated, he comes back to the College in a mind to more fully appreciate the advantages and comforts of College life. He has in each case had a change, which is in itself an advantage, since we find that "variety is the very spice of life." For a boy to have to spend the whole of the vacation in the College is a misfortune. To have to go to the same school-room every week-day in the year, and to the same section-room every day in the year, and to have no outing except the play-ground, which offers nothing but dust, sand, and gravel under foot and the hot sun overhead, with little or no shade to protect him, the vacation does not bring much pleasure, and it is as likely to do him harm as good. There were during the last vacation over 400 boys who had no outing at all except the excursion to Willow Grove and perhaps one or two days with friends in

the Park. I know of one boy who has had no vacation during the eight years he has been in the College. It seems to me that something should be done to relieve the monotony of vacation life for boys who are not taken away by friends.

My latest thought is to keep the Mechanical School open during the months of July and August, and have all boys spend at least two hours a day in the shops. This would keep the minds of the boys from stagnating and would also give them valuable manual training. We could do this and have the mechanical instructors take their vacation in June or September. If this plan does not meet with favor then I would recommend a short time in camp for the stay-at-homes. It will be noticed that the people in our cities, and especially the authorities, are providing for the proper employment and entertainment of children during the summer months, in opening vacation schools, in laying out new parks, and in granting the use of school yards for recreation.

A healthy child wants to be occupied, and if he is not given something to do that is beneficial and wholesome, as well as innocent, he may find something which is very objectionable. His mind will be thinking and his hands will be doing something.

Our system of granting leave of absence has worked satisfactorily. Very few serious accidents have happened during all the summer vacations that I have been connected with the College. Of the 1127 boys who were away last summer there was not a single accident. The only thing of a serious nature was a broken leg, which occurred on the picnic to Willow Grove, when the boys were under college supervision.

#### HEALTH OF THE COLLEGE.

The peace of our large household was not disturbed during the year by the serious prevalence of disease. In a school in which there are so many young boys there will always be the diseases incident to childhood, some cases of which are likely to be fatal. The Infirmary building has been enlarged and improved, so that there is now every facility for the isolation of contagious cases. With our new conveniences, the attention of two experienced and

efficient physicians, and the services of a staff of faithful nurses, our death rate should be even lower in the future than it has been in the past.

In submitting this report of the work of the year, we desire to thank the Father for all His blessing and protection; to acknowledge our indebtedness to the gentlemen of the Board for their support and many wise suggestions; to express our gratitude to our Sunday chapel speakers for their valuable services, and to commend our staff of professors, teachers, and officers for their faithful discharge of duty.

Respectfully submitted,

A. H. FETTEROLF,

*President.*

PHILADELPHIA, March 8, 1899.

A. H. FETTEROLF, PH.D., LL.D.,

*President, Girard College.*

DEAR SIR:—I have the honor to report that the expenditures for subsistence during the year ending November 30, 1898, amounted to \$117,395.89 accounted for as follows:

Almonds.....	167	pounds.....	\$42 91
Apple butter. ....	2,245	" .....	157 05
Apples, dried.....	600	" .....	51 00
Apricots.....	250	" .....	25 63
Bacon.....	2,813	" .....	393 82
Baking powder and soda.....			101 18
Barley.....	6	bags.....	11 80
Beans.....	30 $\frac{1}{2}$	bushels.....	37 10
Beef, chucks.....	138,678	pounds.....	8,320 44
Beef, corned.....	107,260	" .....	6,435 60
Beef, dried.....	586	" .....	98 44
Beef, roast .....	61,468	" .....	6,279 98
Beef, steaks.....	58,365	" .....	8,059 63
Brandy, wine and whiskey	18	quarts .....	57 00
Buckwheat .....	3,000	pounds.....	50 00
Butter.....	44,990	" .....	10,790 51
Cheese.....	1,864	" .....	160 76
Chicken .....	12,475	" .....	1,693 86
Chocolate and Cocoa.....			20 82
Cider.....	333	gallons.....	47 15
Citron .....	70	pounds.....	7 00
Coffee, green.....	20,230	" .....	1,999 35
Coffee, roasted.....	30	" .....	10 80
<i>Amount carried forward.....</i>			<i>\$44,851 83</i>

<i>Amount brought forward.....</i>			\$44,851 83
Corn, canned.....	212	dozen.....	167 00
Cornmeal.....	8	barrels.....	16 88
Cracker-dust.....	600	pounds.....	22 44
Crackers.....	2,912	" .....	130 78
Currants.....	165	" .....	11 89
Eggs.....	14,643	dozen.....	2,341 73
Fancy cakes.....	85	pounds.....	29 20
Farina.....	3	boxes.....	9 41
Fish.....			1,523 35
Flour.....	1,816	barrels.....	8,139 73
Gelatine.....	21	gross.....	392 92
Gherkins and Chow Chow	11	dozen.....	56 85
Hams.....	95,064	pounds.....	8,761 73
Hominy.....	9	barrels.....	21 17
Ice.....	906 <sup>1285</sup> <sub>2000</sub>	tons.....	3,849 91
Ice cream.....			1,085 81
Kidneys.....	12	pairs.....	1 80
Lamb.....			1,889 20
Lard.....	12,600	pounds.....	816 11
Liver.....	1,356	" .....	214 94
Macaroni.....	375	" .....	26 26
Marketing.....			13,470 97
Milk.....	202,898	quarts.....	9,847 25
Mince meat.....	1,739	pounds.....	156 51
Molasses.....	1,408	gallons.....	463 69
Mutton.....	9,341	pounds.....	1,431 14
Oatmeal and Avena... ..	45	barrels.....	180 76
Olive Oil.....	18	dozen.....	153 00
Oysters and Clams.....			1,557 15
Peaches, canned.....	899 <sup>3</sup> / <sub>4</sub>	dozen.....	1,265 62
Peaches, dried.....	2,302	pounds.....	161 36
Peas, canned.....	240	dozen.....	171 20
Peas, dried.....	76 <sup>1</sup> / <sub>2</sub>	bushels.....	61 14
Pickles.....	14	barrels.....	119 00
<i>Amount carried forward.....</i>			\$103,399 73

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 139

<i>Amount brought forward.....</i>		<i>\$103,399 73</i>
Pork.....	9,860 pounds.....	789 32
Preserves.....	1,000 “ .....	130 00
Prunellas.....	240 “ .....	31 20
Prunes.....	4,337 “ .....	208 36
Raisins.....	429 “ .....	53 95
Rennet.....	10 dozen.....	10 70
Rice.....	4,768 pounds.....	280 88
Salt .....	74 sacks .....	75 14
Sauce, Worcestershire.....	3 dozen.....	13 80
Sauer Krout.....	8¾ barrels.....	52 80
Sausage.....	3,695 pounds.....	369 50
Scrapple .....	1,911 “ .....	95 55
Spices and dried herbs.....		125 49
Starch, corn.....	720 pounds.....	31 87
Sugar, “B” .....	70,729 “ .....	3,432 17
Sugar, granulated.....	34,315 “ .....	1,784 40
Sugar, pulverized.....	3,449 “ .....	191 89
Tapioca.....	319 “ .....	16 21
Tea.....	4,045 “ .....	973 61
Tomatoes, canned.....	748½ dozen.....	1,824 69
Tongues, beef.....	24½ “ .....	255 65
Tripe.....	1,422 pounds.....	85 58
Turkeys.....	8,618 “ .....	1,239 97
Vanilla and other extracts	24 quarts.....	47 15
Veal.....	3,279 pounds.....	327 90
Vinegar, cider.....	1,210 gallons.....	169 40
Vinegar, malt.....	9 quarts.....	14 79
Yeast.....	1,701 pounds.....	510 30
Sundry subsistence.....		853 89
		<u><u>\$117,395 89</u></u>

Respectfully submitted,

THOMAS PERRINS, *Steward.*

GIRARD COLLEGE INFIRMARY,  
PHILADELPHIA, January 2, 1899.

A. H. FETTEROLF, LL.D.,

*President.*

DEAR SIR:—I have the honor to submit the following report of the cases treated during the year 1898:

Abscess.....	24	Epistaxis.....	3
“ alveolar.....	18	Erysipelas.....	2
Abrasion of cornea.....	1	Erythema.....	12
Adenitis.....	20	Fever, ephemeral.....	75
“ suppurative.....	1	“ simple continued.....	42
Albuminuria.....	3	Fracture.....	18
Anæmia.....	28	“ compound.....	1
Appendicitis.....	3	Frost-bite.....	3
Bronchitis, acute.....	661	Furuncle.....	70
“ chronic.....	17	Headache.....	474
Burn.....	39	Heart exhaustion.....	8
Catarrh, nasal.....	31	Herpes.....	54
Cerebro-spinal meningitis...	6	Indigestion, acute.....	511
Chorea.....	15	Influenza.....	6
Conjunctivitis.....	231	Ingrowing toe-nail.....	5
Constipation.....	17	Intermittent fever.....	250
Contusion.....	144	Laryngitis.....	55
Convulsions.....	1	Measles.....	49
Corn.....	12	Meningitis.....	1
Corneal ulcer.....	2	Mitral regurgitation.....	1
Croup.....	2	Myalgia.....	31
Dermatitis.....	54	Nephritis, acute.....	6
“ venenata.....	4	“ chronic.....	1
Diarrhœa.....	27	Neuralgia.....	1
Diphtheria.....	8	Neuritis.....	1
Diphtheritic paralysis.....	3	Orchitis.....	1
Dysentery.....	1	Otitis media.....	56
Earache.....	75	Pericarditis.....	2
Eczema.....	14	Pharyngitis.....	146
Endocarditis.....	4	Pleural effusion.....	1
Enuresis.....	37	Pneumonia.....	11

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 141

Psoriasis.....	1	Tonsillitis.....	253
Purpura.....	1	“ follicular.....	47
Remittent fever.....	1	Toothache.....	32
Rheumatism.....	15	Torticollis.....	13
Rhinitis.....	1	Tuberculosis, acute miliary..	1
Rötheln.....	1	Typhoid fever.....	5
Scarlet fever.....	55	Ulcer.....	19
Sprain.....	76	Urticaria.....	12
Stomatitis.....	7	Vaccinia.....	2
Synovitis.....	2	Varicella.....	3
Tinea circinata.....	4	Wounds, lacerated.....	71
“ tonsurans.....	4	Total.....	4026

During the year there were eight (8) deaths, as follows :

Acute miliary tuberculosis..	1	Mitral regurgitation.....	2
Cerebro-spinal meningitis...	2	Scarlet fever.....	1
Chronic nephritis.....	1		—
Meningitis, complicating measles.....	1		8

Respectfully submitted,

WILLIAM S. JANNEY,  
*Visiting Physician.*

JOHN R. FORST,  
*Resident Physician.*



## CATALOGUE OF PUPILS

Whose Indentures were Cancelled in 1898, to enable them to accept positions.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
<b>Abell, William</b>	Clerk,	Gimbel Bros.,	9th and Market Sts.
Andes, William Joseph	Apprentice,	Thackara Mfg. Co.,	1606 Chestnut St.
Arndt, Henry		To mother.	
Arnold, William Henry	Stenographer,	Wm. Hagemann,	28 S. 3d St.
Ashburn, John Henry C.		To mother.	
Avery, Hallock Elmer		To mother.	
<b>Baker, Reese P.</b>	Clerk,	Geo. D. Ellis & Sons Co.,	231 Vine St.
Batezell, Horatio	Clerk,	James Nassau,	Kensington and Erie Aves.
Beach, Walter Earl	Moulder,	G. Rebmann & Co.,	13th and Noble Sts.
Beard, Carl Johnston		To mother.	
Beaumont, Walter W.	Draughtsman,	United Gas Imp. Co.,	22d and Filbert Sts.
Bechtel, Joseph S.		To mother.	
Beck, Wm. Harrison G.	Errand Boy,	The J. E. Fricke Co.,	255 Market St.
Bell, Henry	Book-keeper,	Chas. J. Appleton,	1204 Chancellor St.
Benté, Frank	Mill Boy,	Mt. Vernon Mills,	Bridesburg, Pa.
Bentz, Edgar H.	Stenographer,	Inter. Nav. Co.,	307 Walnut St.
Berger, Bertram Philip	Clerk,	Fulton Foundry & Machine Wks,	Brooklyn, N. Y.
Bickel, Theodore Julius		To mother.	
Bidwell, John W.		To mother.	
Boentgen, William	Apprentice,	Geo. P. Pilling & Son,	1229 Callowhill St.
Boger, Edgar Harvey		To friends.	
Bonhog, John P.	Stock-keeper,	Liveright, Greenewald & Co.,	1013 Market St.
Book, Francis P.		To mother.	
Breisch, Charles Jacob	Confectioner,	Breisch-Hine Co.,	40 E. Allen St.
Bryant, Brinley		To mother.	
Butterworth, Walter M.		To mother.	
Butz, Walter H.	Draughtsman,	Pedrick & Ayer Co.,	1001 Hamilton St.
<b>Cairns, George B.</b>		To mother.	
Cassidy, Aloysius	Piecer,	Sevill Schofield & Sons,	Manayunk, Phila.
Cassidy, John Joseph	Draughtsman,	A. & P. Roberts Co.,	Pencoyd, Pa.
Clemmency, John Henry		To mother.	
Clemmency, Walter H.	Stock Boy,	McCallum & McCallum,	1012 Chestnut St.
Cody, Henry	Draughtsman,	United Gas Imp. Co.,	22d and Filbert Sts.
Collins, Arthur Mortimer		To aunt.	
Commo, Franklin	Machinist,	Newton Machine Tool Wks,	2337 Vine St.

## INDENTURES CANCELLED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Crispen, Francis Reese	Clerk,	Monroe Bros. & Co.,	438 Market St.
Cunningham, John		To mother.	
Dading, Charles H.	Stenographer,	P. W. & B. R. R. Co.,	Broad Street Station.
Dady, John W.		To sister.	
Dailey, Edwin Stanley		To mother.	
Davis, William James	Clerk,	Phila. Gear Works,	624 Race St.
Dixey, John	Silversmith,	Simons Bros. & Co.,	616 Chestnut St.
Donahue, Edw. R., Jr.	Store Boy,	— Roland,	1829 Cumberland St.
Dougherty, Walter G.		To sister.	
Dyson, Thornton E.		To mother.	
Egbert, Fred'k H.	Clerk,	Penna. R. R. Co.,	Broad Street Station.
Ellis, Francis Glanot		To mother.	
Ennis, Charles Edward	Stock Boy,	John H. Long & Co.,	527 Market St.
Entwistle, Walter Austin		To mother.	
Faber, Louis Morris	Clerk,	Morrisdale Coal Co.,	228 S. 4th St.
Fagan, James Bruce		To mother.	
Farnsworth, Duke	Errand Boy,	Shoneman Bros.,	116 N. 8th St.
Filer, Thomas Frankford	Clerk,	Murrell Dobbins,	2300 Passyunk Ave.
Finn, Benjamin	Stenographer,	Jos. Oat & Sons,	228 Quarry St.
Fisher, Peter	Spinner,	Goodman, Loeb & Co ,	401 Race St.
Fixari, John		To mother.	
Foll, Harry D.	Saw Mfry,	Henry Disston & Sons, Inc.,	Tacony, Phila.
Fox, Clarence Ernest	Glass Cutter,	Gibbs & Kelly,	Honesdale, Pa.
Freney, James		To friends.	
Fretz, Howard Aaron	Shoe Mfry,	Phillip Schneider,	Allentown, Pa.
Frey, George Otto	Amt. to Librarian,	Franklin Institute,	15 S. 7th St.
Frick, Zenas Custer	Surveyor,	Lehigh Valley Coal Co.,	Wilkes-Barre, Pa.
Fulton, Thomas James	Cl'k & Dr'ghtsman,	Wm. Wharton, Jr., & Co., Inc.,	25th St. & Wash'n Ave.
Gamble, Samuel S.	Machinist,	Wm. Oramp & Sons S. & H. Blg. Co.,	Beach and Ball Sts.
Gardner, Mercer G.		To mother.	
Gartley, Miles		To uncle.	
Geddes, Everett Pattison	Cutter,	The Crescent Belting & Packing Co.,	Trenton, N. J.
Gilbert, Albert Manship		To friends.	
Gimmi, Otto Gustave	Cash Boy,	Strawbridge & Clothier,	8th and Market Sts.
Glass, Walter L.		To mother.	
Goold, Howard James		To sister.	
Gordon, George	Stenographer,	Wm. Anderson & Co.,	607 Walnut St.
Gower, George Franklin	Cloth Finisher,	Coulter & Lowry,	203 N. 22d St.
Gray, Leslie Clair	Tanner,	DuBois & Van Tassel,	DuBois, Pa.
Haefley, Neller S.		To guardian.	
Haigh, Charles Smith	Clerk,	Justice, Bateman & Co.,	122 S. Front St.
Halpine, William Naylor	Farmer,	John Culber,	Dayton, N. J.
Hamilton, Alexander D.	Errand Boy,	J. C. Haigh & Co.,	Frankford, Phila.
Hammond, Victor Julian	Leather Mfy,	R. H. Foerderer,	Wheat Sheaf Ln. & Coral St.
Harder, John Frank	Stenographer,	A. I. Phillips, Esq.,	519 Drexel Building.
Harting, Adam	Farmer,	George Duncan,	Prospect Plains, N. J.
Hartman, Lloyd		To sister.	
Harvey, Benj. Franklin	Press-hand,	Edgell Co.,	1201 Willow St.
Heck, William Ludwig	Clerk,	N. Y., Phila., & Norfolk R. R. Co.,	26 S. 15th St.

## INDENTURES CANCELLED.

<i>Names.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Herman, Cuthbert	Creeler,	T. Wolstenholme Sons & Co.,	Frankford Av. & N. Westmoreland St.
Hess, Franklin Charles	Errand Boy,	John B. Stetson Co.,	4th St. and Montgomery Av.
Hickman, Frederick	Clerk,	Library Bureau,	112 N. Broad St.
Hindson, Winfield E.		To mother.	
Hitzé, Frank A.	Clerk,	Market Street Nat. Bank,	1107 Market St.
Hogg, Henry Linden	Errand Boy,	Edward Pennock,	3609 Woodland Ave.
Honsell, Arthur	Errand Boy,	Eberly Bros.,	2500 Oxford St.
Houghton, Ernest Thaley		To mother.	
Hower, Charles Marsh	Stenographer,	Bourne & Durham,	409 Stephen Girard Bldg.
Hower, Frank Latin		To mother.	
Huckel, John Jacob		To mother.	
Hughes, John		To mother.	
Hunsperger, Daniel Cyrus	Errand Boy,	C. K. Whitner & Co.,	440 Penn St., Reading.
Jamison, J. McKee	Store Boy,	Felton, Sibley & Co.,	136 N. 4th St.
Johns, Nathan Ernest		To mother.	
Jones, Harry Benjamin		To mother.	
Keim, John Meil	Stenographer,	The Evening Bulletin,	612 Chestnut St.
Kelly, Robert Crozier	Elec. Machinist,	D'Olier Engineering Co.,	129 S. 11th St.
Kennedy, Alfred C.		To mother.	
Kenney, James		To sister.	
Kerber, Frank Charles		To mother.	
Kern, Leopold George		To mother.	
Keyser, Walter North	Cash Boy,	Strawbridge & Clothier,	8th and Market Sts.
Kiley, John	Clerk,	W. U. Tel. Co.,	1000 Chestnut St.
King, James Curtis		To brother.	
Knapp, Edwin Maurice		To mother.	
Knight, William	Clerk,	John Baisley,	514 S. Delaware Ave.
Koegel, William	Machinist,	Wm. Sellers & Co., Inc.,	1600 Hamilton St.
Kollé, Louis Robert		To mother.	
Lafferty, John	Office Boy,	Wm. Wharton, Jr., & Co., Inc.,	25th St. & Wash'n Ave.
Landskron, Robert Fred'k		To mother.	
Lanning, Emanuel K.	Stenographer,	J. W. Laughlin & Son,	41 S. Water St.
Laubenstein, William H.	Stenographer,	Emil Guenther,	1410 Fairmount Ave.
Leber, Francis Xavier		To mother.	
Lee, John	Errand Boy,	P. J. Hallahan & Co.,	35 N. 8th St.
Lewis, Chas. Southworth		To mother.	
Lewis, Marcus Morriss		To mother.	
Leyshon, Ralph		To mother.	
McAdam, Donald		To uncle.	
McCormick, Harry E.	Clerk,	C. Watson Croasdill,	22d and Fitzwater Sts.
McGarvey, Joseph	Stock Boy,	Ab. Kirschbaum & Co.,	726 Market St.
McHugh, Joseph	Messenger,	W. U. Tel. Co.,	3d and Chestnut Sts.
McIntyre, John		To mother.	
McKeone, Henry	Tailor,	W. H. Lockyer.	254 N. 9th St.
McNeill, George Franklin		To mother.	
McNeill, Robert Bole	Errand Boy,	Phila. Jewelry Mfg. C.,	820 Cherry St.
Mabery, William	Sawyer,	Henry Disston & Sons, Inc.,	Tacony, Phila.
Magee, Franklin Malcom	Office Boy,	Jas. T. G. Hand,	428 Walnut St.
Manion, Michael T.		To mother.	

INDENTURES CANCELLED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Marshall, Alex. McI.	Type Foundry,	Mather Mfg. Co.,	704 Sansom St.
Marshall, Charles G.	Store Boy,	G. S. Lovell Clock Co.,	1021 Market St.
Martz, Stephen Joseph	Store Boy,	Chas. H. Wister,	3636 Haverford Ave.
Mead, William	Cash Boy,	Strawbridge & Clothier,	8th and Market Sts.
Meissner, Charles		To mother.	
Mercer, Charles E. W.		To mother.	
Mergenthal, John George		To mother.	
Milhausen, John	Clerk,	John Scott & Co.,	2418 N. Front St.
Mooney, John S.	Office Boy,	Columbia Art Mfg Co.,	303 N. 6th St.
Morgan, Elmer		To mother.	
Mortimer, James E.		To mother.	
Morton, Henry Frankland	Stenographer,	Wm. Wharton, Jr., & Co., Inc.,	25th St. & Wash'n Ave.
Muir, Andrew Robert	Florist,	Mrs. Maggie Muir,	407 Spruce St., Scranton, Pa.
Mulloy, Charles Roberts	Store Boy,	H. O. Hurlburt & Sons,	938 Market St.
Neely, John		To mother.	
Neil, Walter		To mother.	
Neithammer, Alfred	Office Boy,	Estate of Chas. Wheeler,	700 Girard Building.
Nonemaker, John Oscar	Card Lacer,	A. D. Moniot,	2061 Coral St.
Noros, George Cannon	Store Boy,	J. B. Lee & Son,	4047 Lancaster Ave.
Openshaw, James		To mother.	
Orr, Levi A.		To mother.	
Orr, Robert James		To mother.	
Ott, Philip Martin	Apprentice,	Westinghouse Elec. & Mfg. Co.,	E. Pittsburg, Pa.
Patterson, Robert E.		To uncle.	
Pearson, James Phillips		To mother.	
Pontius, Henry Lloyd	Knitter,	E. Emmers & Co.,	Royersford, Pa.
Pullinger, Russell Yost		To mother.	
Rafferty, John		To mother.	
Ranck, Louis Nathaniel	Chemist,	Wolf Chemical Co.,	935 N. Front St.
Reber, George		To mother.	
Redamar, John Joseph		To mother.	
Reed, Jacob Franklin	Press-hand,	S. W. Evans & Son,	4625 Paul St., Frankford.
Reynolds, George See	Stenographer,	Chas. C. Miller & Co.,	106 S. Front St.
Richardson, Charles		To mother.	
Rinker, John S.		To sister.	
Ritson, Thomas		To mother.	
Roberts, Claude Marriott		To mother.	
Saylor, George F.	Clerk,	Ralph Stewart Snuff Co.,	924 Arch St.
Scheetz, Henry Asher		To mother.	
Schissler, Andrew		To mother.	
Schmeller, William	Machinist,	Wm. Sellers & Co., Inc.,	1600 Hamilton St.
Schuenemann, Emil Boy	Apprentice,	Henry Troemner,	22d and Master Sts.
Schuenemann, Henry O.	Machinist,	Thos. H. Dallett & Co.,	York St. & Sedgely Ave.
Seasholtz, William Crowl		To mother.	
Seesholtz, Wm. Howard	Printer,	Globe Ticket Co.,	917 Filbert St.
Shallcross, Ellwood W.	Clerk,	Eugene E. Nice,	272 S. 2d St.
Shields, John Howard		To grandmother.	
Shunk, David Arthur		To mother.	
Slugg, William G. B.		To sister.	

## INDENTURES CANCELLED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Smith, Francis	Surveyor,	Lehigh Valley Coal Co.,	Wilkes-Barre.
Smith, John Moses	Typewriter,	Keystone Elec. Inst Co.,	9th St. & Montgomery Ave.
Smith, Joseph	Errand Boy,	E. A. Yarnall Co.,	1020 Walnut St.
Smith, Wesgo	Shoe Mfr,	Wm. Hompton Shoe Co.,	Catawissa, Pa.
Smith, William Henry		To mother.	
Snyder, Henry William		To mother.	
Snyder, Oscar Lewis	Clerk,	M. J. Conville,	1166 W. Coal St., Shen'doah.
Sodmann, Jacob William		To mother.	
Stockburger, John	Stenographer,	Hunter & Fisher,	308 Walnut St.
Stoos, Norman Theodore		To uncle.	
Stotz, Louis	Stenographer,	Wm. P. Dallett,	49 N. 7th St.
Taylor, George Lane		To mother.	
Taylor, Harry Scott		To mother.	
Thackara, Edward T.		To mother.	
Thomas, Richard		To mother.	
Thompson, George T.	Machinist,	Wm. Sellers & Co., Inc.,	1600 Hamilton St.
Thompson, William		To uncle.	
Thomson, Wm. Joseph	Clerk,	David Morris & Son,	1513 Germantown Ave.
Tice, Benjamin	Helper,	Wm. Cramp & Sons S. & E. Bg. Co.,	Beach & Ball Sts.
Van Cleave, Isaac S.	Machinist,	Bement, Miles & Co.,	21st & Callowhill Sts.
Walde, William		To mother.	
Walsh, William Henry	Undertaker,	Welsh & McNaulty,	N. E. cor. 3d & Pine Sts.
Walton, Edward Stewart	Packer,	Enterprise Mfg. Co.,	3d & Dauphin Sts.
Watkins, John Morgan		To mother.	
Watson, Horace Paynter	Clerk,	Library Bureau,	112 N. Broad St.
Weaver, Ross Entekin		To mother.	
Weeden, James Seymour		To mother.	
Westcott, William Henry		To mother.	
Weston, John Davis	Errand Boy,	Strawbridge & Clothier,	8th and Market Sts.
Wiedemann, Otto	Errand Boy,	Children's Homeopathic Hospital,	926 N. Broad St.
Williams, Edmund	Clerk,	Third National Bank,	Broad and Market Sts
Wilson, Henry John		To mother.	
Wilson, Ralph T.		To mother.	
Wilson, Samuel Blair	Laborer,	Enterprise Colliery,	Excelsior, Pa.
Wooters, Joseph	Clerk,	Wm. F. Murphy's Sons Co.,	509 Chestnut St.
Wrightson, Alexander		To mother.	

## CATALOGUE OF APPRENTICES, DECEMBER 31, 1898.

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<i>Name.</i>	<i>Date of Birth.</i>	<i>Occupation.</i>	<i>Master.</i>	<i>Residence.</i>
<b>Brill, Adam C.</b>	Feb. 5, 1880,	Farmer,	Clyde W. Seymour,	Atglen, Pa.
<b>Davis, James L.</b>	July 3, 1879,	Naval Ap.,	U. S. Receiving Ship "St. Louis,"	League Island.
<b>Johnson, B'rl'gh J.</b>	Sept. 10, 1879,	Farmer,	John Buckman,	Newtown, Pa.
<b>Newman, Chas. E.</b>	Nov. 19, 1882,	Druggist,	Mortimer H. Bickley,	Chester, Pa.
<b>Openshaw, Arthur</b>	Oct. 27, 1880,	Farmer,	Lottie Paxson,	Atglen, Pa.
<b>Phillips, Wm. H.</b>	Oct. 8, 1882,	Farmer,	Hon. John W. King,	Hughesville, Pa.
<b>Walker, Frank B.</b>	July 31, 1881,	Barber,	Cornelius M. Walker,	2626 Memphis St.
<b>White, Wm. E.</b>	July 2, 1879,	Farmer,	Albert A. Seher,	Lansdale, Pa.

### STAR SCHOLARS FOR 1898.

Star Scholars are those pupils of the Fourth and Third Forms whose averages for recitations have been nine (9.00) or above for the year, on a scale from zero to ten (10.00).

BRUCE, MATTHEW HARTLEY	PLATT, REUBEN BLAINE
GARRETSON, CORNELIUS DAVID	RENN, WALTER CALLEY
GRISSINGER, CHARLES R.	STECKLINE, CHAS. EARL WASHINGTON
MOORE, WILLIAM HENRY	WEST, STANLEY RAPHAEL
WILSON, WALTER THOMPSON	

### CLASSES OF HONOR.

The Third, or highest, Class of Honor comprises all pupils of the Fourth and Third Forms whose conduct is represented by 9.60 or more, on a scale from zero to ten; the Second, all whose conduct is marked from 9.30 to 9.60; and the First, all whose conduct is marked from 9.00 to 9.30 for the year.

#### THIRD CLASS OF HONOR.

BIESECKER, L. MAXWELL	MAUGER, GEORGE
CASPER, WILLIAM HENRY	MEISEL, WILLIAM ARTHUR
CLARK, ANDREW JACKSON	MOHR, JAMES
DOMINOVICH, GEORGE PETRO	MORLEY, GEORGE WASHINGTON
ECKROTH, GEORGE CLARENCE	MUNDORF, RABER
EVANS, WILLIAM HARRIS	PASHLEY, WILLIAM HENRY
HASBROUCK, JOSEPH HENRY	PAYNE, HARRY LINCOLN
HAUGER, HARRY JOHN	PETERS, EDWARD
HENSZEY, HAROLD LEON	SCHOENER, FLOYD RAMOND
JAMES, WILLIAM HERBERT	SCHOPBACH, CHARLES HENRY
JELLY, STEPHEN	SETZLER, EARL URNER
JONES, HARRY BLAINE	SMITH, CHARLES EDWARD
KING, SAMUEL ALEXANDER	STECKLINE, CHAS. EARL WASHINGTON
LAU, HENRY	STOLP, JOHN AMBROSE
LAUSHEY, HERBERT ROSS	TURNER, JOSEPH MILTON
MATTHEWS, ALFRED PENROSE	WENZEL, GEORGE S.
WILSON, WALTER THOMPSON	

SECOND CLASS OF HONOR.

ANDREWS, JOHN LEY	LEISTER, JAMES MONROE
BATTERSBY, JOSEPH TAYLOR	MAIER, LOUIS HENRY
BREWER, ROY NORDSTROM	PRICE, ROBERT WILLIAM
CROOK, ROBERT ARTHUR	RAMER, NOAH
DANEHOWER, WALTER C.	SCHRODER, CHARLES N.
DENNY, ALEXANDER N.	SCOTT, EDWARD MAURICE BEESLEY
GALBRAITH, HARRY RAE	SHUMAN, PAUL
GARRETSON, CORNELIUS DAVID	SIMMONS, SAMUEL JOHN
GITHENS, CHARLES ALBERTA	SLIFER, CLARENCE
GRISSINGER, CHARLES R.	STUBBLEBINE, RAYMOND FRANCIS
HALL, HOWARD KIRK	TATEM, WILLIAM GEORGE
HAMILTON, JAMES MORROW	TAYLOR, HARRY CAMPBELL
KENNEDY, JOHN THOMAS	WERNER, GEORGE HERMAN
	WOLF, JOSEPH BAILIFF

FIRST CLASS OF HONOR.

CARLE, LOUIS FREDERICK	McHUGH, JAMES
CHRIST, WALTER LOUIS	MORGAN, LEROY
EISENHOWER, LEO ROBERT	PARTRIDGE, JOSEPH WALTER
ENDRISS, WILLIAM JOHN HENRY	PIERSOL, RICHARD JOHN
FINCH, ERNEST VAN LIEU	PLATT, REUBEN BLAINE
FITTING, SAMUEL EUGENE	POTIS, BARCLAY FILARETTE
FUREY, CHRISTIAN DAVID	QUINN, WILLIAM JAMES
GEORGE, PAUL ZACHARIAH	REMENTER, WALTER WESLEY
GILBERT, HAROLD MITCHELL	ROBINSON, JOHN EDWIN
HOLLIS, ALBERT CAMPBELL	SCHOCK, HOWARD JACOB
JACOBS, FREDERICK ELLIS	SCOTT, WILLIAM
JONES, EVAN	SMITH, WILLIAM COURTRIGHT
KAHLER, HENRY	SPINDLER, FRANK
LAMBORN, HOWARD FRANKLIN	STEHLÉ, CHARLES LOUX
LEIBY, HERBERT ELWOOD	WILLIAMS, CHARLES RAYMOND
LEWIS, ANDREW	WILSON, JAMES
McCLOSKEY, LOOMIS ROY	WRIGHTSON, BERTRAM JOSEPH



# Catalogue of Pupils in Girard College,

DECEMBER 31, 1898.

## FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
<b>Aroher, William James</b>	April 18, 1884	Dec. 30, 1892	6.91	2.42
Arnold, Vanderbilt	Dec. 5, 1884	May 31, 1894	7.69	4.39
<b>Bardes, Andrew Harry</b>	Nov. 21, 1882	April 21, 1890	8.82	8.17
Bareford, John P.	Nov. 6, 1882	May 31, 1892	8.62	6.52
Barrett, Charles Smith	Nov. 9, 1883	April 21, 1890	8.91	8.55
Barrett, William Henne	March 12, 1882	June 14, 1889	8.74	8.74
Barth, Louis	July 6, 1884	June 1, 1893	6.96	4.04
Bates, Benjamin S.	Feb. 2, 1884	June 16, 1890	7.03	6.97
Bayer, Ernest Hugo	Dec. 29, 1882	April 19, 1890	8.70	7.31
Baylie, Walter Raymond	April 14, 1884	Dec. 30, 1890	6.71	2.15
Bea, Monroe Henry	Feb. 26, 1882	Jan. 21, 1890	8.65	7.54
Behney, Harry	May 4, 1883	April 23, 1890	8.54	8.40
Biesecker, Harry Orland	Oct. 21, 1883	June 1, 1893	6.54	3.74
Blamphin, Arthur Merrick N.	Aug. 13, 1883	May 31, 1893	8.60	7.50
Bleamer, Charles H.	July 9, 1882	April 30, 1890	8.51	7.68
Bonhog, George	Nov. 21, 1883	Dec. 30, 1890	7.34	5.52
Bourquard, Joseph	June 2, 1884	Dec. 30, 1892	8.66	8.82
Boyer, Louis Powell	July 28, 1883	April 21, 1890	7.73	5.78
Boyer, Samuel Andrew	July 19, 1884	June 3, 1891	6.33	6.42
Briggs, Walter Samuel	Feb. 2, 1883	April 19, 1890	8.90	8.77
Brinton, Sumner Howard	Oct. 3, 1882	Dec. 31, 1889	8.67	5.59
Brown, Charles Jeremiah	April 11, 1883	May 1, 1890	8.57	8.42
Brown, John Albert	July 28, 1885	March 27, 1894	8.62	8.04
Bruce, Matthew Hartley	Feb. 26, 1883	Dec. 30, 1892	9.10	7.54
Bryant, Mitchell Chance	March 7, 1884	May 31, 1893	8.94	8.07
Büchler, Gustave John	Aug. 18, 1883	Dec. 30, 1891	8.72	8.19
<b>Carson, William M.</b>	April 20, 1884	June 1, 1893	7.00	4.74
Casper, Henry Eugene	May 1, 1884	April 27, 1894	7.86	7.96
Christ, Walter Louis	Feb. 7, 1885	June 20, 1893	7.38	9.23
Conrad, Adam	Feb. 11, 1884	May 30, 1890	8.66	6.91
Craig, Joseph Howard	Dec. 16, 1883	May 31, 1892	8.50	8.45
Crawford, Thomas William	Sept. 6, 1883	April 21, 1890	7.67	5.54
Croll, Linford	July 21, 1884	Dec. 29, 1893	6.36	6.34
<b>Dading, George</b>	Nov. 10, 1883	April 30, 1890	7.53	6.88
Dando, Albert J.	Sept. 11, 1883	June 1, 1893	8.83	8.83
Davis, Frank Barnard	April 18, 1882	May 30, 1890	8.46	8.10

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 151

FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Deal, Horace	Jan. 15, 1883	Dec. 30, 1890	8.66	5.06
Dickinson, Percy Tindall	July 8, 1883	April 21, 1890	7.25	8.20
Doerr, Charles Edgar	Aug. 13, 1884	Dec. 31, 1891	7.28	7.59
Domicovich, George Petro	March 21, 1883	Sept. 18, 1891	8.50	9.79
Duncan, Robert Gordon	June 18, 1884	Dec. 29, 1893	6.11	4.91
Evans, Jesse Harris	June 26, 1883	April 30, 1890	8.87	7.28
Evans, William Harris	July 17, 1881	May 31, 1889	8.90	9.64
Fenner, Charles Jacob	Feb. 1, 1883	April 19, 1890	8.38	7.61
Ferguson, Thomas	Oct. 13, 1884	April 27, 1894	8.07	8.15
Fletcher, John Albert	Nov. 28, 1883	April 30, 1890	8.45	8.46
Fogel, Frank Arthur	Oct. 11, 1883	April 21, 1890	8.79	7.11
Fryer, Theodore Burrows	April 11, 1884	Dec. 30, 1890	6.73	4.33
Fuigle, Joseph Sylvester	Feb. 21, 1884	May 31, 1893	8.56	7.70
Garretson, Cornelius D.	Feb. 12, 1882	Sept. 18, 1891	9.40	9.46
Geisel, Frank Hoopes	Jan. 26, 1883	Dec. 30, 1892	7.38	6.73
Goho, Arthur Foeter	Jan. 29, 1884	Dec. 30, 1890	5.57	2.39
Graser, Albert Nathan	Nov. 6, 1885	April 27, 1894	7.75	7.03
Grieb, Edward Stewart	Aug. 6, 1884	Jan. 27, 1892	7.09	7.49
Grissinger, Charles R.	March 31, 1883	Jan. 15, 1891	9.32	9.33
Grundelsinger, George Joseph	March 22, 1884	May 31, 1893	8.49	8.61
Hall, Howard Kirk	Oct. 29, 1881	April 19, 1890	8.88	9.45
Hamilton, Howard Gustave	April 4, 1885	May 31, 1894	6.72	6.70
Harder, Frederick	May 20, 1882	April 18, 1890	8.28	7.40
Harris, James Edward	Sept. 11, 1883	April 21, 1890	8.83	7.39
Harris, Jesse S.	Aug. 12, 1882	Dec. 28, 1888	8.95	8.24
Harris, William Russell	July 24, 1882	June 14, 1889	8.79	8.94
Harrison, Ross Cary	Aug. 28, 1884	Jan. 13, 1892	8.00	7.88
Hasbrouck, Joseph Henry	March 1, 1884	June 1, 1893	8.74	9.86
Hassert, Charles C.	Jan. 5, 1885	June 9, 1892	8.46	6.41
Hauger, Harry John	Feb. 1, 1885	Dec. 4, 1891	8.62	9.90
Helé, Herbert E.	July 22, 1883	May 31, 1893	7.48	8.94
Hindson, Gordon Alexander	July 12, 1884	May 29, 1891	6.55	7.19
Hodgeman, David Eben	Dec. 30, 1881	May 31, 1889	8.50	8.18
Homan, Frederick	May 21, 1883	April 19, 1890	8.57	7.69
Houser, Benjamin Franklin	Nov. 30, 1883	Dec. 31, 1891	7.74	7.22
Hower, John Cleaver	Feb. 19, 1884	May 30, 1890	7.24	4.33
James, William H.	Aug. 7, 1881	Jan. 15, 1891	8.59	9.68
Jeleniewski, George	Jan. 23, 1885	June 9, 1891	6.71	8.71
Kennedy, John Thomas	Dec. 24, 1883	May 30, 1890	8.93	9.52
Kimpel, John Frederick	Jan. 10, 1884	May 29, 1891	8.38	8.37
Kirk, Charles LeGrand	Aug. 9, 1883	May 31, 1892	8.60	8.51
Lachlan, James Irvine	March 23, 1884	Dec. 30, 1890	7.46	7.87
Lamborn, Howard Franklin	Feb. 10, 1885	March 27, 1894	6.98	9.25
Lanning, Joseph Bringhurst	Dec. 31, 1881	Dec. 30, 1889	8.43	8.21
Laushey, Edmund Park	May 30, 1884	Jan. 15, 1891	6.88	8.13
Laushey, Herbert Ross	Nov. 27, 1881	Jan. 15, 1891	8.85	9.61
Leckie, George Washington	Feb. 22, 1882	Dec. 30, 1890	8.46	8.49
Leiby, Herbert Elwood	Oct. 6, 1884	Dec. 29, 1893	7.37	9.09
Leitch, Robert Arment	June 30, 1882	June 14, 1889	8.51	5.65

## FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Lewis, Andrew	Aug. 31, 1882	Dec. 31, 1889	8.46	9.27
Lingo, Howard Joseph	Sept. 3, 1882	Jan. 21, 1890	8.51	5.46
Long, William Andrew	Dec. 7, 1883	April 30, 1890	7.48	6.68
McCloskey, Loomis Roy	Oct. 1, 1885	Dec. 29, 1893	6.74	9.26
McDevitt, George	Dec. 22, 1881	June 28, 1890	8.61	7.78
McGill, Charles Alfred	Dec. 9, 1882	Jan. 21, 1890	8.64	7.01
McKinney, Jos. Washington	Feb. 22, 1882	June 1, 1891	8.49	8.10
Maler, Louis Henry	July 26, 1881	May 31, 1889	8.54	9.40
Matthews, Jesse Walter	Oct. 17, 1885	May 31, 1893	7.75	6.17
Metz, Ellwood Augustus	May 22, 1884	April 27, 1894	7.72	8.15
Mohring, John Frederick	Feb. 29, 1884	May 30, 1890	6.63	4.97
Moore, William Henry	Sept. 3, 1883	April 21, 1890	9.00	7.70
Nealey, Morris Elmond	Dec. 31, 1884	Jan. 16, 1894	8.56	7.63
Nelms, George	Sept. 29, 1885	Jan. 2, 1894	8.54	5.95
Nelms, Harvey	March 23, 1884	Jan. 2, 1894	7.49	5.04
Partridge, Jos. Walter	Nov. 30, 1882	April 17, 1890	8.41	9.21
Pennypacker, Earl Melton	April 5, 1884	Dec. 30, 1890	8.60	7.49
Pennypacker, William W. H.	April 10, 1882	April 21, 1890	8.64	7.60
Platt, Reuben Blaine	June 13, 1884	Jan. 15, 1891	9.06	9.26
Potts, Barclay Filarette	April 1, 1881	Jan. 15, 1891	8.88	9.04
Price, John B.	Sept. 13, 1883	Jan. 21, 1892	7.52	7.10
Price, Robert William	May 15, 1881	May 31, 1888	8.79	9.49
Pritchard, Evan Jones	Aug. 13, 1883	April 18, 1890	8.62	7.79
Ralston, Archibald	July 25, 1885	May 31, 1893	6.83	8.37
Ramer, Noah	Sept. 10, 1883	May 29, 1891	8.69	9.32
Rathgeber, Augustus Daniel	July 20, 1884	May 29, 1894	6.18	6.92
Reese, Charles	June 10, 1884	Dec. 30, 1890	8.64	6.88
Renn, Walter Calley	Sept. 13, 1882	Dec. 30, 1891	9.12	8.04
Richardson, Albert George	March 12, 1884	May 29, 1891	8.80	8.45
Riegel, William Willard	Sept. 21, 1883	Dec. 30, 1892	8.14	4.12
Ross, Harry	Aug. 1, 1882	Jan. 27, 1890	8.23	5.12
Rote, Howard Baker	June 29, 1882	June 1, 1891	8.81	5.29
Rowe, John Major	Sept. 16, 1884	April 27, 1894	7.64	5.47
Schaefer, Albert Leslie	March 4, 1884	Jan. 26, 1892	8.06	8.85
Scherer, Frederick	Feb. 28, 1884	Feb. 27, 1894	7.24	8.67
Schreck, Robert David	Feb. 3, 1884	April 30, 1890	8.42	6.84
Schroder, Charles N.	April 14, 1883	Aug. 16, 1889	8.34	9.56
Scott, Edw. Maurice Beesley	Feb. 24, 1882	May 31, 1889	8.94	9.30
Sevison, John Frederick	Dec. 24, 1883	May 30, 1890	8.62	5.11
Shaw, Robert	Aug. 30, 1884	Jan. 16, 1894	6.37	3.97
Sheehan, John Francis	Sept. 25, 1883	June 3, 1890	8.73	6.50
Shiffer, Horace Roy	May 29, 1883	April 17, 1890	8.74	5.63
Shuman, Leigh D.	March 20, 1882	May 31, 1889	.....	8.75
Shuman, Paul	Feb. 16, 1884	May 30, 1890	8.76	9.56
Simmons, Samuel John	Dec. 18, 1882	Dec. 30, 1891	8.63	9.39
Simms, James	Dec. 17, 1883	Dec. 30, 1892	6.31	1.79
Simons, Harry Walter	Oct. 6, 1883	June 1, 1893	6.51	8.40
Singleton, Joseph	Nov. 12, 1883	May 31, 1893	8.87	7.89
Slough, Herbert Elmer	March 27, 1885	Dec. 30, 1892	6.72	6.40

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 153

FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Smith, Herbert Abel	May 9, 1883	April 19, 1890	8.38	7.82
Smith, William Courtright	April 19, 1882	May 30, 1890	8.41	9.24
Snyder, Winfield Edmund	March 8, 1884	May 30, 1890	8.76	7.64
Staub, Edward Elmer	Nov. 1, 1883	May 30, 1890	8.64	4.52
Stehlé, Charles Loux	Nov. 7, 1885	June 1, 1893	8.34	9.17
Stell, John James	Sept. 2, 1884	Dec. 29, 1893	8.58	8.87
Stevenson, Samuel	Aug. 29, 1884	June 11, 1891	6.12	3.44
Stitzer, Myron Zeno	Dec. 9, 1884	Jan. 16, 1894	6.20	6.43
Stokley, Thomas Horatio	Aug. 10, 1882	May 31, 1892	8.66	5.94
Stolp, John Ambrose	March 14, 1884	Dec. 30, 1890	8.81	9.85
Stroud, Herbert LeRoy	Aug. 5, 1883	April 30, 1890	8.52	8.81
Sullivan, James Patrick	March 17, 1884	Dec. 30, 1892	6.20	3.26
Taylor, Harry Campbell	July 3, 1884	April 27, 1894	7.80	9.39
Theis, Ferdinand Harry	Jan. 6, 1884	May 31, 1892	6.76	6.38
Thornley, Harry Earle	May 31, 1883	May 30, 1890	7.32	7.30
Tillotson, George Painter	March 14, 1884	June 5, 1890	7.93	6.37
Tolon, Alfred Joseph	Feb. 26, 1882	April 21, 1890	8.72	8.10
Townsend, Charles Heath	Feb. 23, 1883	Sept. 18, 1891	8.46	6.52
Trimble, James	Oct. 6, 1884	June 4, 1894	8.40	6.80
Trinder, John Holmes	July 20, 1881	March 25, 1890	8.35	7.64
Tyson, Francis Marion	June 7, 1883	April 30, 1890	8.67	8.01
Wandell, Francis Scott	Oct. 5, 1883	June 1, 1893	6.69	4.51
Wenzel, George S.	Feb. 23, 1883	Dec. 30, 1890	8.80	9.74
West, Stanley Raphael	April 2, 1884	Dec. 30, 1891	9.25	8.32
Wheeler, Samuel James	Sept. 16, 1882	Dec. 31, 1889	8.51	6.86
Whitman, Thomas Scott	June 29, 1884	Jan. 16, 1894	6.95	6.88
Williams, Pierce Cecil	July 26, 1885	June 9, 1893	7.94	7.86
Wilson, Walter Thompson	April 29, 1885	April 27, 1894	9.32	9.73
Wittmer, Howard Lewis	Nov. 28, 1884	April 27, 1894	7.98	7.94
Wunderlich, Walter Alvin	Dec. 12, 1883	May 30, 1890	7.95	6.76
Yunger, Casper Swift	Feb. 4, 1883	April 29, 1890	8.81	8.47
Zattau, Charles M.	Jan. 14, 1884	June 4, 1892	7.40	7.86
Ziegler, George Delbert	Feb. 3, 1885	Dec. 30, 1892	6.69	5.65

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Aaron, Charles Thomas	Sept. 16, 1884	May 31, 1892	7.75	7.63
Albrecht, John Henry	Feb. 11, 1885	Jan. 20, 1893	6.61	7.35
Albright, Bernhard	June 16, 1884	Oct. 18, 1890	6.44	3.26
Allen, Arthur Clyde	Jan. 4, 1885	May 31, 1893	6.61	7.73
Allwine, John Adam	Oct. 6, 1884	May 31, 1894	6.54	8.74
Alsentzer, Charles Frederick	March 17, 1883	Dec. 30, 1892	5.43	4.75
Amber, John Hugh	Sept. 7, 1884	May 31, 1892	.....	2.60
Andrews, John Ley	Oct. 11, 1884	May 31, 1892	7.54	9.52
Bækus, Henry	April 21, 1885	Dec. 28, 1894	7.03	5.25
Bagans, Charles Biddle	May 31, 1885	Jan. 17, 1893	7.24	8.08
Bareford, Mark H.	Aug. 22, 1884	May 31, 1892	6.12	6.30
Barrett, Raymond	Feb. 18, 1886	Sept. 21, 1894	6.52	7.39
Battersby, Joseph Taylor	March 7, 1885	April 27, 1894	7.18	9.31
Baumann, George Andrew	July 26, 1884	Sept. 30, 1891	5.88	5.90
Bayer, Henry	Dec. 25, 1884	May 31, 1892	6.36	4.77
Beam, Walter Irvin	Aug. 5, 1885	Sept. 21, 1894	7.38	8.45
Beck, Charles Andrew	Jan. 12, 1883	Dec. 30, 1892	6.41	7.92
Beck, Walter Philip	July 26, 1884	Dec. 30, 1892	6.34	7.43
Bell, Robert Hamilton	Sept. 19, 1885	Dec. 29, 1893	6.18	5.71
Bell, Thomas	July 16, 1887	July 22, 1893	6.91	6.77
Bennett, Samuel B.	Dec. 23, 1885	May 31, 1894	6.34	6.07
Benté, Walter	Nov. 6, 1885	May 31, 1893	6.97	8.45
Biesecker, L. Maxwell	Jan. 2, 1885	June 1, 1893	5.84	9.67
Binder, George Lincoln	Oct. 8, 1885	April 27, 1894	6.28	3.12
Bingeman, Abraham	June 11, 1884	April 27, 1894	6.66	5.41
Birney, John Taylor	Nov. 4, 1887	Jan. 16, 1894	6.33	6.88
Blakeley, Thomas	March 17, 1886	Jan. 16, 1894	7.78	8.82
Booth, George	April 18, 1884	Dec. 29, 1893	5.85	7.46
Borzner, Philip William	July 3, 1885	May 31, 1893	5.85	5.96
Bothell, Charles Alonzo	June 3, 1885	June 20, 1893	7.44	1.68
Bourne, Wallace Charles	July 22, 1885	April 27, 1894	6.46	8.20
Bowes, Alphonsius	Aug. 29, 1885	June 21, 1894	6.36	8.47
Brandt, William Benjamin	April 22, 1886	May 31, 1894	7.28	7.60
Breaser, Anthony	March 12, 1884	Dec. 30, 1892	6.20	7.78
Brenchled, Jacob	Nov. 18, 1884	May 31, 1892	6.39	8.09
Brendle, William	Oct. 25, 1885	May 31, 1894	7.51	7.60
Brewer, Roy Nordstrom	Sept. 6, 1884	April 27, 1894	6.80	9.48
Brocius, Alvin	Sept. 7, 1884	June 20, 1893	6.59	6.72
Brown, Frank Heckler	Oct. 12, 1885	June 1, 1893	7.06	7.95
Brown, John	Sept. 10, 1885	April 27, 1894	6.47	7.65
Brown, Warren Ellwood	July 12, 1885	May 31, 1893	6.95	4.71
Burger, Charles Henry	Jan. 2, 1886	May 31, 1894	6.31	8.33
Butzer, George Franklin	March 19, 1886	March 27, 1894	7.01	4.09
Bye, Allen	April 26, 1885	May 31, 1894	5.98	7.38
Bye, Frank Booth	April 26, 1885	May 31, 1894	6.43	5.84

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Carle, Louis Frederick	Feb. 2, 1887	Dec. 28, 1894	6.40	9.24
Carr, William Bonsall	Feb. 25, 1884	Dec. 30, 1890	6.85	0.00
Casper, William Henry	Jan. 9, 1886	May 31, 1894	6.54	9.63
Chabot, Joseph Farquhar	April 4, 1886	Jan. 16, 1894	6.35	6.38
Chapman, Rollin Eatherly	Jan. 14, 1887	April 27, 1894	8.12	7.08
Christman, Charles Newton	Jan. 14, 1887	Sept. 21, 1894	8.02	8.69
Clark, Andrew Jackson	May 2, 1886	Jan. 16, 1894	6.88	9.65
Clark, Henry	May 8, 1885	Jan. 9, 1893	7.69	4.75
Clark, James Walter	March 13, 1884	May 31, 1892	7.33	6.40
Clark, John Hugh	July 19, 1886	March 27, 1894	8.22	8.04
Coleman, Joseph Alvin	July 26, 1886	April 27, 1894	6.96	8.61
Condron, James	Dec. 17, 1884	May 31, 1894	7.76	8.60
Condron, John	Oct. 16, 1886	May 31, 1894	7.56	6.13
Conner, Joseph Shallcross	Oct. 19, 1885	April 27, 1894	7.59	7.86
Cook, Charles Gottlieb	March 7, 1886	April 5, 1894	6.19	5.44
Coulter, Crawford Thomas	Jan. 18, 1886	Dec. 28, 1894	7.23	6.14
Crawford, Robert Andrew	March 11, 1884	March 28, 1890	5.78	7.44
Cresswell, Albert	April 2, 1885	June 1, 1893	6.01	6.23
Crockett, Henry Ervin	Oct. 4, 1885	June 1, 1893	6.54	8.86
Croissant, Frederick	July 19, 1883	June 20, 1893	6.60	6.23
Crook, Robert Arthur	Jan. 4, 1887	Oct. 9, 1894	6.88	9.52
Crooks, Benjamin Edward	Jan. 14, 1886	Dec. 29, 1893	6.85	4.56
Crossley, Ellwood Matlack	May 20, 1886	March 27, 1894	6.73	7.38
Crytser, Chas. Abram	Oct. 25, 1886	April 27, 1894	6.04	5.03
Cunningham, George	Nov. 13, 1884	May 31, 1892	5.31	6.71
Curlett, Joseph Henry	Dec. 2, 1885	Dec. 30, 1892	7.64	8.32
Danehower, Walter C.	Jan. 30, 1884	June 19, 1890	5.64	9.54
Davis, William Whitley	Dec. 29, 1885	May 31, 1894	7.36	5.55
Deatch, Harry	June 10, 1885	June 1, 1893	6.47	8.69
Denny, Alexander N.	Sept. 1, 1886	Jan. 10, 1895	7.39	9.36
Devine, Walter Joseph	May 14, 1887	May 29, 1896	8.43	7.83
Devlin, Bartholomew M.	Oct. 27, 1885	Oct. 5, 1894	6.81	5.08
Diemand, John Anthony	Jan. 19, 1886	Sept. 21, 1894	6.85	6.84
Ditzler, Herbert Newton	Aug. 17, 1884	Dec. 29, 1893	7.35	5.04
Diven, Blake Gotwals	Feb. 20, 1884	June 1, 1893	6.21	4.49
Dixey, William Ropes	May 20, 1887	Sept. 21, 1894	6.36	8.43
Doke, Albert Henry	Aug. 22, 1884	Dec. 29, 1893	6.79	8.00
Doke, Robert William	Oct. 17, 1886	Dec. 29, 1893	7.66	7.09
Dougherty, Charles	July 13, 1886	May 31, 1893	5.92	4.31
Dougherty, Hervey Brooms	Sept. 21, 1884	Dec. 29, 1893	6.82	2.57
Dougherty, Hugh	Dec. 15, 1886	Jan. 13, 1893	7.69	8.86
Dougherty, Joseph Hugh	April 29, 1885	Sept. 18, 1891	5.74	7.10
Dougherty, Stephen	July 13, 1886	May 31, 1893	6.24	5.44
Douglass, John William	March 17, 1884	Dec. 30, 1890	5.78	5.13
Downs, Clarence Lavalette	Aug. 12, 1887	May 31, 1895	7.44	7.19
Dungan, Clarence Brownell	Feb. 1, 1886	April 4, 1894	6.80	8.44
Dutton, John Clayton	May 7, 1884	Dec. 30, 1892	7.88	0.63
Ealer, Wm. Leston	June 9, 1885	Dec. 29, 1893	7.25	5.23
Earl, Elmer Ellsworth	April 24, 1885	May 31, 1894	7.77	8.41

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Earnest, James Madison	July 23, 1885	Sept. 28, 1894	6.11	5.38
Eckroth, George Clarence	Jan. 27, 1885	March 27, 1894	7.01	9.60
Eisenhower, Leo Robert	May 26, 1885	March 27, 1894	7.15	9.12
Eisenhower, William H.	Oct. 10, 1883	Oct. 4, 1890	5.89	4.77
Elliott, George Howard	Aug. 17, 1885	May 31, 1894	7.47	8.60
Endriass, Wm. John Henry	Aug. 28, 1886	March 27, 1894	8.26	9.07
Ent, George Morgan	Dec. 10, 1883	May 31, 1892	5.95	6.85
Evans, Harry	May 21, 1884	May 29, 1891	7.36	7.28
Eyre, Charles	Nov. 13, 1886	May 31, 1895	7.52	8.69
<b>Faber, Casper</b>	March 6, 1886	April 27, 1894	7.30	3.35
Falk, William Martin	Oct. 4, 1886	May 31, 1894	6.14	3.56
Farrell, George Marker	Oct. 14, 1884	April 27, 1894	6.01	7.52
Feder, Frederick Harry	Nov. 2, 1884	April 27, 1894	6.81	6.88
Fetterolf, Samuel Herbert	Aug. 26, 1885	April 27, 1894	6.72	4.88
Fetterolf, William Donald	June 28, 1884	April 27, 1894	6.46	6.33
Finch, Ernest Van Lieu	Dec. 13, 1885	April 27, 1894	7.00	9.23
Fink, John Ehrenberg	Aug. 11, 1884	June 12, 1891	5.35	5.52
Fitting, Samuel Eugene	Aug. 15, 1886	May 31, 1895	6.49	9.00
Foley, Francis Benedict	July 7, 1887	Sept. 21, 1894	7.04	7.55
Ford, Arthur	Oct. 31, 1884	Dec. 30, 1892	7.04	6.11
Foster, Sylvester Jeremiah	Dec. 10, 1886	May 31, 1895	6.31	7.73
Fowler, Elwin	June 30, 1884	Jan. 7, 1892	6.18	2.42
Francis, Burton Leroy	Sept. 27, 1885	June 1, 1893	7.25	0.30
Fredericks, Robert	Jan. 28, 1886	April 3, 1894	7.12	6.86
Freney, Thomas John	Sept. 25, 1884	Dec. 30, 1890	5.96	7.32
Fretz, Charles Frederick	April 5, 1884	Jan. 13, 1892	6.24	5.96
Frey, George Adam	Nov. 20, 1883	Dec. 31, 1891	6.22	6.31
Frith, James Schofield	March 2, 1886	Dec. 28, 1894	6.27	5.28
Fuigle, Charles William	Aug. 18, 1886	April 27, 1894	7.21	8.85
Furey, Christian David	July 26, 1886	April 27, 1894	6.96	9.06
<b>Galbraith, Harry Rae</b>	June 22, 1885	June 1, 1893	7.52	9.41
Garbrecht, William	Sept. 5, 1885	March 27, 1894	6.19	8.26
Garman, Harry Wiggins	Nov. 22, 1883	April 30, 1890	6.76	5.49
Gaumer, Harvey Leon	July 22, 1887	Dec. 28, 1894	7.70	8.77
Gaumer, William Joseph	Sept. 24, 1884	June 20, 1893	7.02	6.20
Gaun, Charles	April 15, 1885	Jan. 5, 1894	7.27	8.03
Geikler, George Groll	Feb. 27, 1885	Dec. 28, 1894	6.33	8.50
George, Paul Zachariah	June 20, 1885	Sept. 21, 1894	6.76	9.09
Getz, Charles Louis	March 18, 1886	May 31, 1894	6.22	7.78
Gibson, John Stevenson	Oct. 18, 1884	Dec. 30, 1892	6.59	4.00
Gilbert, Harold Mitchell	May 1, 1888	Dec. 31, 1895	8.36	9.25
Gilliard, Adolph	May 18, 1885	May 31, 1892	6.43	6.97
Githens, Charles Alberta	May 27, 1884	Dec. 30, 1890	6.31	9.38
Goodyear, John Frederick	Feb. 20, 1885	March 17, 1894	7.17	5.71
Gordon, William	March 23, 1887	Sept. 18, 1896	8.13	8.01
Graf, Alexander Davison	Dec. 7, 1885	June 8, 1894	6.75	1.14
Green, Hugh	April 19, 1885	Dec. 28, 1894	.....	4.95
Greenhalgh, Edward	Feb. 7, 1885	May 31, 1892	6.66	8.70
Griffin, John Charles	Nov. 15, 1885	June 20, 1893	6.83	7.00

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Griffith, Marshall Edgar	Nov. 16, 1883	April 30, 1890	6.10	6.20
Griffiths, Thomas Hurst	June 8, 1886	Jan. 29, 1895	6.08	8.02
Groth, H. C. Herman	Dec. 17, 1883	Dec. 31, 1889	5.54	8.84
Grün, Frederick Chas. Louis	Aug. 24, 1884	June 20, 1893	6.85	7.97
Habicht, Albert Edward	Aug. 3, 1883	Dec. 30, 1892	6.41	6.15
Haldeman, Samuel Elsworth	Oct. 3, 1885	June 1, 1893	7.09	7.48
Hale, Eli Benjamin Franklin	Dec. 29, 1885	May 31, 1894	6.76	5.62
Hallman, Ambrose Francis	March 20, 1884	May 29, 1891	6.97	6.83
Hamilton, James Morrow	March 3, 1886	May 31, 1892	7.48	9.57
Hamilton, Robert Wilson	March 8, 1884	Dec. 30, 1890	7.43	6.13
Hammerstein, Geo. Ferdinand	Sept. 16, 1883	June 20, 1893	5.42	5.07
Hanna, William J.	July 27, 1886	April 27, 1894	6.50	6.31
Hardie, Augustus Brunner	Jan. 16, 1886	May 31, 1895	7.95	6.88
Harvey, Francis Alexander	Sept. 2, 1887	Jan. 12, 1895	7.72	8.59
Harvey, Rosher Paul	Dec. 22, 1884	June 20, 1893	6.29	5.69
Hatz, Albert	Feb. 8, 1886	June 20, 1893	7.60	5.83
Heintzel, Edw. Theo. Robert	May 20, 1885	Dec. 29, 1893	7.12	6.19
Heitmiller, Charles Edward	March 26, 1884	May 31, 1893	7.50	6.59
Helwig, George Elwood	April 18, 1884	April 17, 1894	7.11	8.95
Henning, William Hugh	Feb. 26, 1885	Feb. 9, 1895	5.51	7.97
Henry, Edward James	July 27, 1887	Sept. 21, 1894	7.06	6.68
Henry, Harry Harper	June 1, 1886	Dec. 31, 1895	7.56	8.02
Henry, Thomas Jefferson Y.	April 13, 1885	Dec. 30, 1892	7.31	7.80
Henszey, Harold Leon	Oct. 5, 1885	Dec. 28, 1894	7.57	9.67
Herr, Floyd Y.	July 19, 1885	June 1, 1893	6.24	5.73
Herrmann, George Elliott	Oct. 31, 1886	April 27, 1894	7.64	8.31
Hickman, Robert	Dec. 8, 1883	Oct. 1, 1890	6.06	8.02
Hildebrand, Corona Wils	July 5, 1883	June 20, 1893	6.38	7.70
Hildenbrand, Bertram Wm.	Nov. 21, 1887	Dec. 28, 1894	8.02	6.96
Hodgeman, John Edward	June 30, 1884	Jan. 15, 1891	5.99	8.73
Hoelzle, Frederick Theodore	March 29, 1885	Dec. 28, 1894	7.17	7.29
Holden, William Horrocks	Dec. 24, 1885	Jan. 16, 1894	6.61	6.82
Hollenberg, Frederick Henry	Dec. 25, 1885	Dec. 29, 1893	7.79	7.49
Hollis, Albert Campbell	July 18, 1884	March 27, 1894	6.94	9.14
Holmes, Richard Leeny	Aug. 1, 1885	May 31, 1893	5.82	7.65
Hongler, Joseph August	Sept. 9, 1885	March 27, 1894	7.43	7.79
Hooper, Frederick Fairfield	Oct. 17, 1885	May 31, 1893	6.53	6.45
Hope, James Thomas	Aug. 25, 1884	May 31, 1894	6.22	8.61
Huber, Louis A.	Aug. 13, 1883	June 20, 1893	7.40	7.70
Huntzinger, Charles Lewis	Oct. 11, 1886	April 30, 1894	6.25	8.70
Irvin, Ernst	Dec. 27, 1884	May 31, 1892	6.89	4.91
Jacobs, Frederick Ellis	June 10, 1886	Jan. 21, 1895	7.13	9.04
Jelly, Stephen	June 16, 1885	June 1, 1893	6.32	9.77
Johnston, Isaac Thomas	July 8, 1885	March 27, 1894	6.55	4.42
Jones, Evan	June 3, 1885	June 20, 1893	7.85	9.17
Jones, Franklin Walter	Feb. 15, 1884	Dec. 30, 1890	6.41	6.48
Jones, Harry Blaine	June 12, 1884	Dec. 30, 1890	6.71	9.69
Jones, Isaac	July 21, 1883	June 1, 1893	6.48	6.60
Jones, James Beaver	Dec. 8, 1886	May 31, 1893	8.26	8.27



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<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Jones, John Lester	April 1, 1884	May 31, 1892	6.42	7.74
Jones, William Edwin	June 26, 1884	April 27, 1894	7.55	5.63
Jordan, Leo Atwood	May 27, 1885	April 27, 1894	5.68	6.18
Jordan, William	May 25, 1887	Dec. 28, 1894	7.10	6.92
Joyce, Edward Thomas	April 10, 1885	June 16, 1894	6.93	7.12
Joyce, John Francis	Sept. 1, 1886	June 16, 1894	6.79	7.44
Kahler, Henry	April 29, 1885	Jan. 16, 1894	6.20	9.19
Kane, Wm. Reno	Nov. 25, 1885	April 27, 1894	6.98	6.72
Kern, Addison Durell	June 25, 1884	Sept. 22, 1891	6.59	7.67
King, Emory Louis	June 5, 1886	May 31, 1894	7.25	7.43
King, Harry Edward	June 5, 1886	May 31, 1894	6.76	7.75
King, Samuel Alexander	Feb. 13, 1886	Dec. 31, 1895	8.04	9.72
Kinsing, Emil	June 7, 1884	Dec. 30, 1890	6.63	3.51
Kirk, Charles Cleveland	June 4, 1884	April 27, 1894	6.25	7.80
Kishpaugh, Albert Jones	March 21, 1884	May 29, 1891	4.03	7.08
Knowles, Henry Rutherford	June 9, 1886	March 27, 1894	6.48	7.99
Knox, Elmer Ellsworth	Oct. 16, 1887	Dec. 28, 1894	8.19	8.31
Kolb, Bertram Charles	Feb. 11, 1884	Dec. 30, 1892	5.57	6.76
Krauss, Joseph Monroe	Sept. 5, 1887	Feb. 2, 1895	7.68	8.07
Lackle, George Wood	May 28, 1884	Sept. 18, 1891	6.61	3.81
Laning, Henry Keller	Oct. 19, 1884	Jan. 15, 1891	7.72	7.59
Lanyon, Charles Edmund	Dec. 7, 1883	Dec. 31, 1891	6.69	8.06
Latham, Claude Harold	April 21, 1886	Dec. 28, 1894	8.26	8.76
Lau, Henry	March 17, 1885	May 31, 1894	5.94	9.78
Laycock, Birtie	July 24, 1885	Sept. 18, 1891	5.88	6.78
Leahy, Martin Joseph	Nov. 20, 1884	May 31, 1894	6.17	0.00
Leckner, Howard	Aug. 4, 1883	May 31, 1893	6.36	5.47
Leister, James Monroe	May 4, 1886	May 1, 1894	7.22	9.54
Levering, George Armitage	Feb. 12, 1885	May 31, 1894	6.90	4.85
Levitt, Daniel Thomas	April 1, 1885	April 27, 1894	6.23	7.96
Levy, Sydney Jacob	Oct. 19, 1886	Dec. 28, 1894	7.54	7.64
Lippincott, Charles Wiley	Aug. 8, 1884	March 27, 1894	6.58	7.71
Lippincott, Harry Atkinson	Aug. 8, 1884	March 27, 1894	6.43	4.63
Little, George C.	Dec. 18, 1884	April 27, 1894	6.34	7.53
Lockerby, John Wesley W.	April 21, 1885	June 26, 1894	6.48	7.03
Long, David Fieldhouse	Dec. 10, 1883	Dec. 30, 1890	5.91	7.27
Long, William Howard	Feb. 8, 1886	May 31, 1894	7.79	8.19
Louden, Joshua Priest	May 19, 1884	May 31, 1892	6.89	7.76
Love, Robert	Aug. 14, 1886	Dec. 28, 1894	6.88	7.76
Lush, John Charles	Oct. 8, 1885	May 31, 1895	6.92	7.51
Lynd, William Hugh	Nov. 15, 1884	Jan. 11, 1892	6.33	6.45
McCarter, Charles Horn	Feb. 14, 1885	May 31, 1893	7.23	6.50
McCleary, George Boyd	Aug. 2, 1884	May 31, 1893	6.43	7.58
McCloskey, George	July 31, 1884	March 12, 1891	7.43	6.08
McCloskey, John	April 23, 1887	May 31, 1893	7.82	8.76
McCoy, Clarence Robert	June 8, 1886	May 31, 1894	6.43	5.77
McGee, Francis Grover	Nov. 10, 1884	April 27, 1894	6.77	6.19
McGorvin, Raymond	Sept. 22, 1886	Dec. 31, 1895	7.07	7.85
McGurn, Edward R.	April 4, 1887	Oct. 13, 1894	8.29	5.96

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
McHugh, James	June 13, 1884	Jan. 15, 1891	5.94	9.01
McKeone, Frank	Feb. 3, 1884	May 31, 1892	6.58	3.60
Markel, Nathan'I Pierce	July 11, 1884	May 31, 1892	7.32	5.09
Marsh, Louis	Aug. 6, 1884	June 1, 1893	6.80	7.93
Martz, Alvin Reuben	March 18, 1884	Jan. 7, 1892	6.93	6.65
Matthews, Alfred Penrose	Jan. 24, 1885	May 31, 1892	7.80	9.87
Mauger, George	Feb. 12, 1885	Dec. 28, 1894	7.86	9.81
Mayne, Thomas Tower	Feb. 13, 1885	May 31, 1892	6.13	8.62
Meehan, John	Sept. 23, 1885	Jan. 16, 1894	6.29	1.35
Meisel, William Arthur	Dec. 29, 1883	April 30, 1890	6.05	9.85
Metz, John Philip	Feb. 14, 1885	Dec. 30, 1891	6.59	6.56
Miller, Harry Elwood	June 10, 1885	June 13, 1893	7.47	5.81
Mitchell, Joseph Henry	Oct. 15, 1886	April 27, 1894	7.89	7.00
Mogee, James Kirkpatrick	Aug. 12, 1885	May 31, 1895	6.70	8.71
Mogee, Walter John	Sept. 3, 1887	May 31, 1895	7.87	7.71
Mohr, James	Dec. 5, 1886	May 31, 1895	8.30	9.87
Mohr, Preston Jacob	Oct. 3, 1884	Sept. 21, 1894	7.78	8.57
Montgomery, Henry Nesbit	Nov. 24, 1883	May 30, 1890	6.25	7.82
Montgomery, John Thompson	April 18, 1885	Dec. 28, 1894	6.18	8.23
Morgan, Leonard	Sept. 2, 1886	April 27, 1894	6.67	7.42
Morgan, Leroy	May 15, 1884	April 27, 1894	7.54	9.10
Morley, George Washington	June 26, 1885	Sept. 21, 1894	7.34	9.69
Morris, Robert Baxter	Feb. 27, 1886	Dec. 29, 1893	7.55	5.76
Morris, William	July 6, 1884	Dec. 29, 1893	6.73	6.82
Mosher, George	June 25, 1884	May 31, 1892	5.87	7.96
Moyer, Howard William	Feb. 9, 1884	June 1, 1893	5.81	4.08
Müller, John	April 28, 1886	May 31, 1895	7.43	8.02
Mulvhill, Michael	March 20, 1885	Sept. 18, 1891	6.34	4.95
Mundorf, Raber	Sept. 28, 1887	May 31, 1895	8.32	9.92
Myers, William Bedlington	Dec. 7, 1884	May 31, 1892	6.48	4.37
Naylor, Albert	Oct. 25, 1884	Jan. 15, 1892	7.53	6.78
Nebhut, William	July 16, 1884	June 12, 1891	6.33	4.85
Neely, John Reynolds	Oct. 5, 1884	Dec. 31, 1891	7.22	4.04
Newton, Arthur Griffith	Aug. 15, 1886	April 27, 1894	6.47	5.58
Norman, Albert Lindsay	April 20, 1885	Dec. 30, 1892	7.44	7.41
O'Neill, John Edward	Dec. 16, 1885	April 3, 1894	7.42	8.88
Oren, George Earl	April 20, 1884	May 31, 1892	6.45	6.05
Osterman, Arvon Elmer	Sept. 19, 1886	Sept. 20, 1895	8.37	6.36
Otterson, Albert	March 13, 1885	May 31, 1894	6.11	3.30
Parehem, Albert James	July 9, 1885	Dec. 29, 1893	5.78	7.01
Pashley, Wm. Henry	April 12, 1883	Feb. 16, 1893	7.34	9.87
Patterson, Robert John	Dec. 6, 1885	May 31, 1893	6.90	7.97
Patterson, Samuel Ralph	Dec. 13, 1884	April 27, 1894	7.27	7.23
Payne, George Washington	Nov. 12, 1883	May 31, 1893	6.74	4.32
Payne, Harry Lincoln	Sept. 8, 1885	May 31, 1894	7.21	9.73
Peters, Edward	July 24, 1886	Dec. 31, 1895	8.13	9.74
Pieper, Herman John	Oct. 6, 1884	Jan. 16, 1894	6.76	7.14
Piersol, Richard John	Oct. 13, 1886	May 31, 1894	8.22	9.09
Pilling, Harry	June 22, 1884	April 27, 1894	5.80	6.40

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<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Plank, Asabel Richard	Oct. 13, 1884	June 6, 1893	6.40	5.84
Plate, Edgar Martin	Nov. 18, 1886	Dec. 29, 1893	8.16	8.05
Plate, George Philip	March 5, 1885	Dec. 29, 1893	7.10	7.02
Polen, David Byron	Sept. 13, 1884	June 1, 1893	6.95	3.78
Potts, Gustavus Adolphus	Sept. 23, 1884	Dec. 31, 1891	6.00	8.09
Price, Thomas Frederick	Feb. 16, 1884	May 30, 1890	6.60	6.66
Priester, Edwin Anthony	Jan. 14, 1884	May 31, 1892	5.69	6.63
Pullig, Morris Van Beil	May 18, 1885	Dec. 28, 1894	7.34	6.36
Quinn, William James	March 24, 1885	June 1, 1891	6.40	9.26
Ralston, Andrew	March 19, 1886	Dec. 28, 1894	6.92	4.66
Ralston, John	Dec. 9, 1886	Dec. 28, 1894	7.62	8.63
Ramsdale, Samuel Edward	April 23, 1885	Dec. 30, 1892	6.79	3.99
Redamar, Christian	Dec. 1, 1883	Dec. 30, 1891	5.79	6.31
Redington, Edgar Harrison	Sept. 27, 1887	Dec. 28, 1894	6.69	7.65
Reinhold, Francis Herman	Oct. 9, 1886	April 27, 1894	6.99	5.57
Rementer, Charles Henry	April 23, 1884	April 20, 1894	6.30	7.60
Rementer, Walter Wesley	June 8, 1886	April 20, 1894	7.49	9.01
Retallick, Harry	July 17, 1885	Feb. 5, 1895	6.62	5.73
Reuss, William	May 11, 1884	April 6, 1894	6.96	8.53
Reynolds, Carl Herman	May 6, 1885	June 1, 1893	7.27	7.59
Reynolds, Charles	Jan. 3, 1884	May 31, 1893	5.56	6.18
Riale, Walter Jacob	Sept. 23, 1884	March 27, 1894	7.68	8.66
Robinson, Harry Leonard	June 19, 1884	Jan. 15, 1891	7.29	8.03
Robinson, John Edwin	July 26, 1886	Dec. 31, 1895	7.54	9.09
Rohlfing, Charles Frederick	Sept. 7, 1885	Dec. 28, 1894	6.18	6.54
Rolling, Frank	June 27, 1884	Jan. 20, 1891	6.67	6.75
Rooney, Henry Mitchell	Jan. 29, 1885	Jan. 14, 1893	7.22	7.40
Rose, Charles Tipton	July 25, 1883	June 1, 1893	7.32	6.76
Rosewarne, Albert	Jan. 19, 1886	June 22, 1894	7.69	8.15
Royer, Oliver Vincent	Feb. 7, 1886	July 24, 1893	6.81	8.36
Rudy, Jonathan Madden	Aug. 13, 1884	Jan. 1, 1892	6.50	3.26
Ryan, Herman L.	Feb. 17, 1884	Dec. 30, 1891	6.25	0.75
Sackville, Walter	March 10, 1884	June 1, 1893	6.11	7.80
Sailer, George Edmund	March 5, 1885	May 31, 1894	7.12	6.31
Sandt, Edgar Benroy	Sept. 14, 1884	Oct. 1, 1891	6.31	6.42
Savage, Arthur E.	Feb. 19, 1885	May 31, 1892	7.22	6.94
Schmid, John Valentine	Nov. 7, 1884	June 15, 1894	6.91	8.08
Schmid, William Lewis	Nov. 19, 1886	June 15, 1894	6.63	5.07
Schmidt, Phillip	July 16, 1886	April 27, 1894	7.08	8.19
Schock, Howard Jacob	Dec. 1, 1884	Dec. 31, 1891	7.06	9.21
Schoener, Floyd Ramond	Dec. 8, 1885	June 20, 1893	7.40	9.60
Schopbach, Charles Henry	May 19, 1885	Dec. 28, 1894	8.93	9.82
Schwartz, William Theodore	Jan. 23, 1887	April 27, 1894	5.93	4.93
Scott, Richard	April 11, 1886	May 31, 1894	7.46	8.59
Scott, William	Nov. 4, 1886	May 31, 1895	7.37	9.25
Seal, Lewis William	April 17, 1887	Sept. 21, 1894	6.21	5.13
Seifert, John Philip	June 16, 1883	Dec. 30, 1892	5.26	8.54
Sergeant, John Alexander	July 18, 1884	June 1, 1891	6.36	1.45
Setzler, Earl Urner	Aug. 21, 1884	Dec. 30, 1892	7.29	9.68

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THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Shannon, Alvin Walker	June 11, 1886	May 31, 1895	8.65	8.52
Shaw, Henry Austin	May 7, 1886	March 27, 1894	6.87	5.39
Shengle, Charles Alexander	June 18, 1884	Jan. 15, 1891	7.37	8.00
Sickel, George Benson	May 7, 1887	Dec. 28, 1894	7.61	7.68
Silber, Albert George	Oct. 15, 1886	May 29, 1896	8.23	8.80
Simmons, Albert Radcliffe	Jan. 21, 1885	Sept. 21, 1894	5.81	6.13
Simmons, Layton Thomas	April 7, 1887	Sept. 21, 1894	7.56	7.85
Sippel, John Sebastian	March 10, 1885	Jan. 16, 1894	6.02	8.87
Sisco, Andrew Frazer	Dec. 14, 1884	June 23, 1893	6.68	6.48
Skilton, Colton Davison	Oct. 23, 1887	Dec. 28, 1894	7.13	8.07
Slifer, Clarence	Nov. 28, 1886	June 15, 1896	7.62	9.41
Smith, Charles Crandol	Oct. 1, 1886	April 27, 1894	7.83	7.70
Smith, Charles Edward	April 10, 1885	April 27, 1894	7.34	9.79
Smith, Earl	April 3, 1885	May 31, 1894	7.82	7.16
Smith, Elmer Hicks	May 19, 1885	May 31, 1893	6.50	7.15
Smith, Howard Allen	Aug. 20, 1886	May 31, 1894	6.41	6.58
Smith, Jesse	Dec. 28, 1885	June 20, 1893	7.10	5.96
Smith, John Ronald	Nov. 27, 1884	June 1, 1891	7.15	3.03
Smith, Waldo	July 19, 1886	May 31, 1894	7.23	7.37
Smith, William Dallas	May 19, 1886	Jan. 5, 1893	6.82	7.32
Smith, William Elmer	Sept. 30, 1884	March 27, 1894	7.22	8.85
Southern, Warren Peter	March 14, 1885	March 12, 1895	7.32	5.44
Southern, William Earle	Sept. 17, 1886	Oct. 5, 1894	6.73	4.52
Spindler, Frank	April 4, 1886	March 27, 1894	7.88	9.14
Sponsler, Howard Milton	Jan. 30, 1885	June 1, 1893	6.21	4.66
Stanton, Joseph Earl	Aug. 14, 1886	Dec. 30, 1892	7.26	8.53
States, Charles Lambert	Aug. 25, 1886	April 27, 1894	6.81	6.30
Steckline, Charles Earl W.	June 27, 1886	Sept. 21, 1894	9.05	9.66
Steltz, Reuben Edwin	Nov. 26, 1885	April 27, 1894	6.46	8.31
Stevenson, Edmund M.	May 21, 1884	Dec. 30, 1892	6.68	7.17
Stockholm, Charles Goble	April 21, 1885	Dec. 30, 1892	5.88	4.52
Stoos, Otto	May 6, 1884	Dec. 30, 1890	5.27	3.16
Stranaghan, James Lowry	Aug. 6, 1885	Dec. 28, 1894	6.31	8.33
Stratton, Comly Hampton	Dec. 6, 1886	May 31, 1894	8.15	8.99
Stubblebine, Raymond F.	Aug. 17, 1886	Sept. 21, 1894	7.97	9.32
Sulzner, Herman	Aug. 12, 1884	Dec. 30, 1892	7.20	8.74
<b>Tatem, William George</b>	Nov. 23, 1886	May 31, 1894	6.86	9.58
Taylor, Edward Walter	Sept. 17, 1884	Dec. 30, 1892	6.18	4.17
Thomas, Roger	July 29, 1885	June 20, 1893	7.44	8.59
Thompson, Joseph Hopkins	June 15, 1884	Dec. 31, 1891	6.08	8.86
Thompson, William L.	July 18, 1885	June 20, 1893	6.22	1.87
Thorn, William	July 29, 1886	May 31, 1895	6.72	7.89
Tripp, Leon Mark	Dec. 15, 1883	June 19, 1890	6.86	6.70
Turner, Joseph Heiss	Dec. 30, 1883	June 20, 1893	7.13	8.33
Turner, Joseph Milton	June 24, 1884	Dec. 30, 1890	7.07	9.72
Tyson, Raymond Linford	May 23, 1885	Dec. 28, 1894	7.45	7.53
Undercoffler, Charles H.	Oct. 18, 1885	June 1, 1893	6.29	8.55
Vanderhylen, Oscar Wm.	Jan. 27, 1887	Jan. 12, 1895	7.25	6.31
Wahl, Walter Howard	July 8, 1886	May 29, 1896	7.85	6.73

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Waldman, Edward	July 1, 1884	Dec. 30, 1891	5.77	2.91
Walter, William Penn	June 8, 1884	May 31, 1893	7.27	4.31
Warner, John Mifflin	June 24, 1886	June 24, 1895	6.78	7.95
Watson, William G. Taylor	March 12, 1885	Jan. 24, 1893	7.67	5.69
Wear, Leslie Mitchell Snyder	Dec. 11, 1886	April 27, 1894	7.82	6.81
Webster, Samuel Berrell	Feb. 8, 1886	June 20, 1893	7.02	5.09
Weiler, William Dominick	Aug. 6, 1885	May 31, 1895	7.53	8.99
Wentz, Frank Reuben	July 18, 1886	March 27, 1894	7.90	8.65
Werdermann, Gustave F. W.	May 7, 1885	Dec. 30, 1892	7.21	6.08
Werner, George Herman	July 11, 1886	Dec. 28, 1894	7.94	9.35
Wertley, Lewis Henry	Aug. 16, 1885	April 27, 1894	7.75	6.13
Wheatley, Henry Hyatt	Sept. 9, 1886	Sept. 21, 1894	6.34	8.98
Wheeler, Clarence David	July 3, 1884	June 1, 1891	6.41	5.17
Williams, Benjamin	April 23, 1886	March 27, 1894	7.46	5.63
Williams, Charles Raymond	Sept. 21, 1884	Jan. 16, 1894	6.43	9.18
Williams, Elmer	Sept. 29, 1883	June 20, 1893	6.89	3.43
Wilson, James	April 14, 1885	March 27, 1894	7.51	9.11
Wilson, Stephen Whitney	March 24, 1884	June 30, 1892	6.54	2.07
Wolf, Joseph Baillif	Oct. 30, 1884	Dec. 31, 1891	7.74	9.56
Woods, Harry	July 13, 1887	Sept. 18, 1896	8.16	7.78
Woods, John	Oct. 6, 1885	Dec. 28, 1894	7.35	6.43
Wright, Clarence Gurney	Jan. 8, 1885	June 20, 1893	6.37	6.96
Wrightson, Bertram Joseph	Feb. 2, 1885	May 31, 1892	6.68	9.20
Yarnall, William	May 18, 1885	Sept. 21, 1894	8.07	7.18
Yates, James	Aug. 7, 1886	May 31, 1894	7.41	7.14
Yeager, Milton Clyde	May 19, 1888	May 29, 1896	7.07	8.71
Yerkes, David Updyke	July 23, 1884	March 27, 1894	7.23	5.85
Young, Harry Pennypacker	May 9, 1885	Dec. 28, 1894	6.34	8.38
Yoxheimer, Clyde	May 6, 1886	April 27, 1894	7.50	8.49
Yoxheimer, Lawrence	July 20, 1884	March 27, 1894	6.26	5.97
Ziegler, Theo. Frank	Dec. 30, 1886	June 18, 1894	6.66	8.00

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Adair, James Henry	Aug. 14, 1885	May 31, 1893	7.77	6.12
Adler, Max	April 7, 1885	May 31, 1893	7.14	8.56
Allen, Frederick Bernard	Sept. 24, 1884	Jan. 6, 1892	6.44	8.13
Allen, John Henry	Nov. 10, 1886	April 27, 1894	7.00	6.53
Altamus, William Holmes	June 18, 1887	Oct. 23, 1894	8.05	8.47
Amey, Herbert Raudenbush	May 10, 1887	Oct. 14, 1895	8.21	7.88
Amole, George	July 23, 1885	June 1, 1893	7.62	8.16
Amole, William	Aug. 20, 1888	May 29, 1896	8.19	8.71
Apple, George Lewis	Dec. 19, 1888	Jan. 11, 1895	6.98	8.57
Archer, Thomas Bertram	Dec. 7, 1888	Sept. 18, 1896	8.40	8.88
Ashburn, William Edward	Dec. 5, 1884	Dec. 30, 1891	6.18	7.81
Backus, Geo. Wrigley	July 8, 1887	May 31, 1895	8.03	5.35
Bagans, Arthur Lawrence	March 10, 1887	May 31, 1894	6.28	8.79
Bair, Harry Miller	June 4, 1888	Dec. 31, 1895	7.73	8.69
Bair, Jay Eaby	Feb. 26, 1886	Sept. 26, 1895	7.24	9.92
Baldwin, George Frame	June 10, 1886	March 27, 1894	6.31	8.58
Bale, William Cook	Jan. 16, 1885	Dec. 28, 1894	8.04	7.97
Barkoff, Charles	Dec. 12, 1886	Sept. 21, 1894	6.21	8.22
Barnes, Clifford	Sept. 17, 1887	May 29, 1896	9.01	9.07
Battersby, Edward	June 3, 1888	Sept. 6, 1897	9.22	8.41
Baumann, Louis	Nov. 1, 1886	Dec. 31, 1895	8.33	9.01
Beach, Harry Merrel	May 11, 1888	May 29, 1896	8.69	8.78
Beck, Charles Arthur	Sept. 17, 1889	Sept. 7, 1897	8.30	8.27
Beck, Lear Casper	March 16, 1889	Sept. 7, 1897	7.77	8.69
Beck, Raymond Stewart	Oct. 13, 1887	Sept. 7, 1897	9.31	9.38
Bell, Henry Ziegler	April 26, 1886	April 25, 1894	7.09	7.80
Benditt, Joseph	Sept. 3, 1886	April 27, 1894	7.29	5.11
Benner, Wm. Trumbouer	April 13, 1886	May 31, 1894	7.32	6.27
Bennett, Howard	Jan. 10, 1888	June 8, 1895	8.20	8.41
Bernius, Gustave Adolph	April 20, 1886	Jan. 4, 1894	7.03	8.85
Bierstein, Edward	Aug. 19, 1887	Dec. 28, 1894	6.39	7.94
Binder, Burdan Merrill	Nov. 19, 1887	Sept. 18, 1896	7.31	7.89
Blakemore, Alfred Potts	Dec. 15, 1888	Sept. 7, 1897	7.50	9.94
Bohraus, William H.	May 28, 1885	May 31, 1893	6.82	9.60
Bolden, Charles Shields	March 27, 1888	Sept. 18, 1896	8.54	8.47
Boasler, Dallas Arthur	Sept. 30, 1884	Sept. 21, 1894	7.14	8.90
Boasler, Jay Bender	Sept. 4, 1885	Sept. 21, 1894	7.16	9.31
Bowen, Harry Addison	Feb. 15, 1887	May 31, 1895	7.27	8.78
Boyer, Walter Charles	Feb. 9, 1888	Sept. 6, 1897	9.10	8.73
Braddock, Thomas	July 17, 1886	April 27, 1894	7.26	7.87
Bradley, William James	March 2, 1887	Dec. 31, 1895	7.89	8.78
Brandt, Burwood	Dec. 24, 1886	Sept. 30, 1895	7.91	8.65
Breich, George Philip	Feb. 19, 1888	May 29, 1896	7.00	7.81
Brink, Harrison Morton	Dec. 19, 1888	June 1, 1898	.....	.....
Britton, Edwin Horace	May 14, 1888	Dec. 30, 1896	9.16	9.78

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Brocius, Clayton Abraham	June 20, 1887	Dec. 28, 1894	7.15	9.09
Brooks, George Washington	Aug. 5, 1887	Dec. 31, 1894	8.11	6.95
Brown, Frank Joseph	March 15, 1887	May 31, 1894	8.85	8.76
Brown, Paul Boyd	July 2, 1888	Jan. 17, 1896	7.29	4.71
Brunner, Harry P. H.	March 29, 1888	Sept. 6, 1897	8.09	9.30
Bryan, James L.	Dec. 17, 1885	June 20, 1893	6.69	5.70
Bryant, Benjamin Franklin	Nov. 18, 1887	May 31, 1895	7.34	7.25
Burger, Ernest Theodore	July 23, 1887	May 31, 1895	8.19	7.96
Byers, Samuel	Jan. 29, 1885	May 31, 1892	5.96	5.71
Caden, Ray	March 14, 1889	Sept. 7, 1897	7.78	9.46
Cannan, John	Jan. 22, 1887	May 29, 1896	8.50	8.55
Carle, Charles Dayton	June 8, 1889	Sept. 7, 1897	8.45	8.93
Casper, Raymond Elias	Nov. 4, 1887	May 31, 1895	6.32	9.25
Cassel, Cresson	March 10, 1887	Dec. 31, 1895	5.76	7.82
Cassett, George Arthur	Sept. 29, 1887	May 31, 1895	8.40	7.40
Cathers, William Dennis	Dec. 23, 1886	Sept. 24, 1895	7.21	9.53
Chadwick, George Roland	Nov. 27, 1887	Feb. 19, 1895	7.64	8.64
Christ, Leslie Carlisle	Aug. 9, 1887	May 29, 1896	7.34	9.07
Clark, Henry	March 5, 1888	May 31, 1895	6.99	8.57
Clark, William Abner	Feb. 28, 1889	Sept. 7, 1897	8.26	7.21
Clark, William John	July 27, 1887	Dec. 30, 1896	8.73	9.05
Clarke, James Wilson	Sept. 18, 1886	Dec. 31, 1895	7.93	8.13
Clemmer, Herbert Lincoln	July 18, 1886	April 27, 1894	7.23	8.89
Clerval, Francis	Jan. 6, 1886	Sept. 20, 1895	8.22	7.68
Coburn, Charles Edward	March 1, 1886	May 31, 1892	6.30	8.66
Collins, John Peasnal	March 2, 1887	May 31, 1894	7.85	7.86
Collins, William Thomas	June 16, 1887	Dec. 30, 1896	6.73	9.43
Commo, Claude	July 23, 1886	May 31, 1894	7.33	9.16
Connelly, James	Feb. 22, 1887	May 31, 1895	7.23	8.84
Cook, Nelson	Nov. 7, 1888	Feb. 11, 1897	8.43	8.25
Cooper, Frank Vallee	Nov. 25, 1886	May 29, 1896	8.59	9.17
Craig, Lewis Victor	Aug. 12, 1886	May 31, 1895	5.81	9.31
Crawford, Charles Monroe	Aug. 27, 1889	Sept. 7, 1897	8.44	9.34
Crawford, John Leroy	May 21, 1887	Dec. 30, 1896	8.95	8.04
Creegan, John Grant	June 29, 1885	June 1, 1893	6.69	8.03
Crooks, Joseph Weaver	April 21, 1888	Sept. 7, 1897	9.01	9.42
Cummings, Robert Campbell	June 21, 1887	Sept. 21, 1894	6.73	6.43
Curlett, Charles Orr	Nov. 28, 1883	Dec. 30, 1890	6.27	8.03
Dale, Warren Howard	Oct. 12, 1887	May 31, 1895	6.92	5.58
Davidson, Benjamin	July 4, 1888	Dec. 30, 1896	8.53	7.23
Davidson, William George	May 19, 1886	April 13, 1894	6.15	7.03
Davis, Ellwood Alphonso	Aug. 20, 1887	June 7, 1895	8.24	8.39
Davison, John Thomas	Dec. 1, 1887	May 31, 1895	6.66	8.66
Deeney, George Callahan	May 8, 1887	May 29, 1896	6.42	8.16
Deery, Charles Elmer	March 11, 1887	May 29, 1896	8.40	9.24
Deery, Clarence Hibbert	Dec. 22, 1887	Dec. 30, 1896	9.05	9.27
DeFreitas, Thomas Harold	Nov. 25, 1886	Sept. 20, 1895	7.72	8.12
Derrickson, Albert Ernest	April 28, 1888	Dec. 31, 1895	7.70	8.76
Dessalet, William Bouvier	Sept. 21, 1887	Sept. 18, 1896	8.61	7.80

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SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Devictor, James Phillips	Dec. 6, 1885	Dec. 28, 1894	4.62	6.42
Devlin, George Alfred	Nov. 7, 1887	Dec. 28, 1894	8.21	7.79
Ditzler, Clarence Ellwood	July 11, 1887	May 31, 1895	6.50	6.72
Doogan, Thomas Patrick	July 3, 1886	May 29, 1896	7.57	9.15
Dorsey, Joseph Spencer	Aug. 19, 1884	April 27, 1894	5.01	8.92
Doster, August Frederick	Sept. 12, 1887	Dec. 28, 1894	8.10	7.26
Dougherty, William	Sept. 8, 1887	May 29, 1896	8.38	9.18
Dowd, Thomas Vincent	Feb. 8, 1888	Jan. 17, 1896	8.42	9.33
Dowdell, Samuel Gilbert	Jan. 16, 1887	Dec. 30, 1896	7.21	7.33
Downing, Harvey Apple	June 24, 1887	Sept. 18, 1896	8.60	9.47
Downs, Ernest Victor	July 17, 1885	May 31, 1895	6.40	8.70
Drelich, Samuel	Sept. 20, 1888	Jan. 14, 1896	5.87	8.18
Drummond, William Daniel	Jan. 17, 1888	Sept. 20, 1895	8.19	9.16
Dunstan, George Ernest	July 22, 1888	June 1, 1898	.....	.....
Dutton, George Franklin	July 4, 1887	Oct. 22, 1894	8.41	6.79
Eckert, Anton	Oct. 26, 1887	Dec. 31, 1895	8.42	9.57
Edwards, George Alfred	Aug. 12, 1887	Sept. 21, 1894	5.79	9.48
Eigner, Elwood	Dec. 4, 1885	May 31, 1895	7.46	9.37
Emery, Walter Chauncey	Feb. 4, 1885	Sept. 28, 1894	4.73	8.48
Enz, Charles Gottlieb	July 28, 1888	May 29, 1896	8.61	8.41
Evans, Herbert Leroy	Aug. 24, 1886	April 27, 1894	5.44	6.86
Evans, William	Nov. 14, 1886	Sept. 21, 1894	6.96	8.05
Evans, Yorath Dean	July 8, 1886	May 29, 1896	8.31	6.72
Faddis, James Morris	Jan. 18, 1888	Sept. 7, 1897	8.88	9.18
Fagan, Lear	May 18, 1886	March 27, 1894	7.43	6.97
Fels, John Godfrey F.	March 21, 1885	April 27, 1894	7.57	7.24
Fenstermacher, Albert K.	Jan. 15, 1888	May 31, 1895	8.98	8.21
Fetterolf, Ralph	Oct. 31, 1887	May 31, 1895	7.01	5.09
Fitting, William Harrison	Dec. 12, 1887	May 31, 1895	8.62	9.48
Flanagan, Daniel Henry	Sept. 1, 1888	Dec. 31, 1897	8.56	8.81
Fleck, Charles Seward	Sept. 17, 1887	Sept. 7, 1897	8.34	9.23
Focht, Albert W.	Jan. 27, 1885	Dec. 29, 1893	6.41	7.56
Foley, John Patrick	Sept. 11, 1885	May 31, 1895	8.83	6.95
Foltz, Chester Abraham	Feb. 20, 1887	May 31, 1894	7.41	8.99
Forbes, Frank	May 2, 1886	Dec. 28, 1894	5.18	9.23
Ford, William	Oct. 21, 1887	Sept. 6, 1897	8.24	8.06
Frank, Harry Franklin	Sept. 18, 1887	Sept. 6, 1897	8.81	9.55
Fraser, Frank Edward	Nov. 3, 1887	Sept. 7, 1897	8.37	8.94
Free, Frank Harrison	Aug. 7, 1888	Dec. 31, 1897	7.88	9.07
Friedrichs, Theodore Henry	Sept. 12, 1884	Sept. 10, 1894	7.20	8.48
Friedrichs, William Julius	July 23, 1886	May 31, 1895	6.64	8.64
Fritz, Theodore	Feb. 26, 1887	Dec. 28, 1894	6.48	8.23
Frye, Albert Levi	Dec. 21, 1885	Dec. 28, 1894	7.77	9.09
Gallagher, David Hewes	Oct. 24, 1887	Sept. 6, 1897	8.49	9.63
Gallagher, William Henry	Oct. 28, 1887	Dec. 28, 1894	7.09	8.61
Gehring, Andrew Jeremiah	Dec. 6, 1884	April 27, 1894	7.15	9.31
Gehring, Walter Raimond	Jan. 3, 1888	May 31, 1895	8.84	8.44
Geikler, Amos Kane	Sept. 14, 1888	May 29, 1896	7.86	8.42
Gentner, Louis Frederick	July 22, 1887	May 31, 1895	7.55	9.40



## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Gibson, William Slingerly	June 21, 1887	May 31, 1895	8.00	6.14
Godfrey, Herbert White	Oct. 10, 1887	May 31, 1895	7.68	8.92
Goodman, Abraham Hermann	Oct. 16, 1888	April 28, 1898	7.97	9.59
Goodrich, Charles Richard	May 3, 1887	Sept. 27, 1895	7.92	7.28
Goodwin, Charles Fremont	Jan. 25, 1889	Dec. 30, 1896	8.41	8.48
Gormley, William Patrick	June 7, 1885	Dec. 30, 1892	6.18	9.01
Goudge, John Charles	June 30, 1888	Sept. 7, 1897	8.70	8.27
Green, Rupp James	April 17, 1886	May 4, 1894	7.42	8.55
Griffin, James Robert	July 8, 1887	May 31, 1895	6.72	6.39
Griffith, Benjamin Franklin	June 26, 1886	May 31, 1895	7.31	7.90
Gundry, William Harold	July 14, 1887	Sept. 18, 1896	8.99	9.65
Gysen, John Henry	Aug. 20, 1887	May 29, 1896	7.39	8.40
<b>Hadesty, Linden King</b>	Oct. 17, 1885	April 27, 1894	5.60	9.29
Haenger, William Davis	March 16, 1889	June 1, 1898	.....	.....
Hagan, George	May 22, 1885	Dec. 28, 1894	6.10	7.58
Hager, Frederick Charles	Feb. 10, 1886	Jan. 28, 1895	8.23	8.32
Hahn, Louis	Feb. 13, 1888	Sept. 6, 1897	8.61	8.35
Haldeman, Edward	March 1, 1888	Sept. 20, 1895	7.31	8.51
Hall, John Clarence	Oct. 20, 1887	May 29, 1896	8.54	9.55
Hall, John Robert	Jan. 31, 1886	May 31, 1894	7.87	6.45
Haney, Walter Lewis	Feb. 8, 1887	May 29, 1896	7.60	7.42
Happ, John Hamilton	June 23, 1886	March 27, 1894	8.22	6.83
Harris, Frank Laurie	Jan. 27, 1884	June 1, 1891	6.01	7.59
Harris, George	April 8, 1886	Dec. 31, 1895	8.52	7.05
Hart, Edward	Feb. 3, 1886	Dec. 31, 1895	7.66	8.05
Hart, Ellwood Beaver	Jan. 22, 1888	Sept. 7, 1897	8.94	8.91
Hartman, Daniel Wilford	March 31, 1888	Dec. 31, 1897	8.92	9.72
Hebrew, James Raymond	May 22, 1886	May 31, 1895	7.17	8.71
Helbling, Albert John	Aug. 22, 1885	May 31, 1893	6.74	5.85
Heman, Guy Ernest	Dec. 25, 1885	June 20, 1893	6.93	7.38
Henry, Franklin Claude	May 29, 1888	Dec. 31, 1895	6.58	9.04
Henszey, Roy Ormonde	May 20, 1887	Dec. 28, 1894	7.35	7.46
Herr, Milton Young	June 17, 1888	June 17, 1896	7.62	8.52
Hess, Frank Minnich	Oct. 7, 1886	May 29, 1896	7.60	7.87
Hicks, Edward Stuart	June 2, 1888	Dec. 31, 1895	8.70	7.95
Hicks, Harry	Jan. 3, 1888	Sept. 20, 1895	5.66	7.14
Hildebrand, Wilmer Frank	Aug. 24, 1885	June 20, 1893	7.07	9.27
Hill, Clarence	Aug. 5, 1886	May 31, 1894	7.43	9.73
Hill, Warren	June 2, 1888	Dec. 31, 1895	8.50	9.05
Hodgkiss, William Harrison	Aug. 26, 1888	May 29, 1896	9.29	8.54
Hoffecker, Charles Rowland	May 2, 1887	May 31, 1895	7.75	7.09
Hoffman, John Sigmond	July 22, 1888	May 29, 1896	8.80	7.76
Holt, Ealer Beck	May 5, 1887	Dec. 28, 1894	8.48	9.02
Hongler, Walter William	Sept. 1, 1888	June 1, 1898	.....	.....
Hontz, Josiah Ira	March 2, 1887	Sept. 28, 1894	6.98	8.16
Honywill, John Henry	Jan. 7, 1888	May 31, 1895	7.89	8.88
Hopper, Henry Charles	Dec. 12, 1886	June 6, 1894	6.96	8.51
Hormann, Lynn Weiss	Sept. 6, 1887	Dec. 28, 1894	7.14	8.41
Howard, Lamertine Smith	March 13, 1887	Dec. 30, 1896	8.29	9.18

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SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Howeisen, William	April 28, 1884	Jan. 15, 1891	6.71	6.75
Hultz, Jesse Grover	Aug. 4, 1887	May 29, 1896	7.90	9.47
Hunter, Edward Lorimer	Nov. 7, 1887	Dec. 31, 1895	9.12	9.47
Hunter, Franklin Quinton	June 23, 1888	Dec. 31, 1895	7.27	7.99
Hunter, Samuel	April 23, 1888	Sept. 20, 1895	7.34	8.50
Jacobs, George Henry	April 24, 1888	May 29, 1896	7.33	8.59
Jacoby, Raymond Weiss	July 10, 1889	Dec. 31, 1897	9.03	9.61
James, Horace Smith	Nov. 22, 1888	Dec. 31, 1895	5.45	5.80
Jefferies, Edmund Landis	Oct. 15, 1885	April 27, 1894	7.05	4.99
Johnson, Francis Trout	Feb. 29, 1888	May 29, 1896	8.76	8.29
Jones, George	May 4, 1886	April 27, 1894	5.69	8.32
Jones, Harry Samuel	May 6, 1886	April 27, 1894	7.26	8.87
Jones, William John	April 1, 1885	Dec. 30, 1892	5.42	6.88
Joyce, Samuel Joseph	March 27, 1886	May 31, 1895	6.34	7.13
Kelly, Robert Creighton	Sept. 26, 1888	Oct. 11, 1894	8.10	8.66
Kemble, Mark Everett	Aug. 24, 1885	June 1, 1893	6.81	6.70
Keys, Fullerton McFall	June 21, 1885	Sept. 21, 1894	8.22	7.54
Kienzle, Robert Samuel	June 12, 1887	Dec. 30, 1896	8.44	9.83
Kimes, John Warren	March 22, 1888	May 31, 1895	6.88	6.75
Kimpel, Francis Nicholas	Aug. 22, 1886	Dec. 31, 1895	7.91	7.92
King, John	Oct. 1, 1887	Dec. 30, 1896	8.32	9.28
Kingston, William Paul	Oct. 21, 1888	Dec. 30, 1896	7.67	8.59
Kittel, Frederick	Jan. 21, 1887	May 29, 1896	8.20	7.75
Kleinhenn, Raymond	March 8, 1889	Dec. 31, 1897	8.16	9.99
Kline, Milton Benjamin	Feb. 14, 1887	Sept. 21, 1894	6.42	8.07
Kloes, Harry Benjamin	Jan. 9, 1887	May 31, 1894	6.60	6.70
Kraus, John Joseph	June 4, 1885	Dec. 29, 1893	6.41	7.44
Krauss, Walter Raymond	April 5, 1889	Sept. 20, 1895	6.62	5.79
Kreitzer, William Clausen	Sept. 16, 1888	Jan. 6, 1898	8.87	9.42
Krider, David Augustus	Sept. 6, 1885	Sept. 21, 1894	6.73	9.33
Lambert, Wm. James	Jan. 2, 1886	June 20, 1893	7.98	7.63
Larkin, Wilfred Carlisle	Oct. 8, 1886	April 27, 1894	6.24	6.24
Laros, Paul Elwood	Feb. 1, 1889	June 1, 1898	.....	.....
Latham, Emil Irving	Oct. 28, 1888	Sept. 7, 1897	8.50	9.31
Lau, Louis	Feb. 12, 1887	May 31, 1894	8.68	9.12
Lawrence, Wm. Hoffman	Oct. 28, 1885	Sept. 21, 1894	8.14	8.64
Lees, Robert	Feb. 20, 1888	May 31, 1895	6.95	7.62
Levering, John Lettenmeier	April 28, 1887	May 31, 1894	8.15	8.18
Levitt, George Anderson	Sept. 15, 1888	Dec. 30, 1896	8.05	9.11
Levitt, Howard William	Sept. 8, 1886	April 27, 1894	5.72	8.32
Lewis, Albert Morris	Nov. 22, 1887	Dec. 31, 1895	7.63	6.49
Lewis, Dora	Sept. 15, 1888	Sept. 18, 1896	8.50	8.64
Lewis, John Coin	May 29, 1886	March 27, 1894	6.96	8.55
Lewis, William	Sept. 15, 1886	Dec. 28, 1894	4.69	7.53
Lewis, William Calhoun	Sept. 11, 1886	Dec. 28, 1894	7.28	5.90
Lingman, Henry	Dec. 9, 1887	May 29, 1896	7.61	8.73
Lingo, William Williams	Jan. 30, 1886	May 31, 1895	7.68	5.72
Loges, Edwin Theodore	Sept. 23, 1886	Sept. 20, 1895	7.58	7.91
Long, Clark Samuel	Sept. 28, 1887	Dec. 31, 1895	7.94	8.76

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Lyshon, William Jones	Dec. 30, 1887	June 1, 1896	7.31	9.70
McCann, Joseph T.	March 13, 1887	Jan. 17, 1896	8.52	9.37
McCarter, Matthew L.	Dec. 26, 1886	Sept. 20, 1895	7.31	7.27
McCloy, Hugh	Feb. 10, 1888	May 31, 1895	7.68	6.36
McCully, Charles Thomas	July 20, 1886	Dec. 31, 1895	7.78	6.98
McKane, William Paul	June 16, 1887	Jan. 7, 1896	7.99	8.37
McMonigle, Samuel	June 2, 1887	May 29, 1896	5.96	7.56
McVaugh, Wm. Norman	Nov. 30, 1886	Dec. 28, 1894	8.98	9.64
Magee, Wm. Harrison	Oct. 28, 1888	Dec. 30, 1896	9.02	9.47
Maguire, Walter	June 30, 1889	Sept. 6, 1897	8.89	9.00
Mahoney, William Joseph	March 19, 1888	April 27, 1894	7.10	7.63
Manion, Martin	Jan. 23, 1887	May 29, 1896	7.54	9.46
Manlove, Earl Griffith	Jan. 16, 1887	Dec. 30, 1896	7.60	8.82
Mareen, Frederick	Dec. 8, 1884	May 31, 1892	7.09	8.46
Marlin, Norman Howard	Nov. 1, 1888	June 17, 1896	8.58	8.23
Marshall, William Stirk	Jan. 29, 1888	Dec. 30, 1896	7.83	9.37
Martin, Leon George	Feb. 2, 1887	May 29, 1896	6.59	7.84
Mauger, Charles Frank	July 3, 1889	Sept. 7, 1897	7.69	9.23
Mayers, Milton	March 12, 1887	Sept. 21, 1894	7.91	7.37
Mayne, Walter Gilbert	July 4, 1888	Sept. 6, 1897	8.90	9.32
Mead, Joseph Edward	April 22, 1885	Dec. 30, 1892	7.91	7.01
Meadowcroft, Harold	July 1, 1885	Feb. 14, 1895	7.45	8.45
Meadowcroft, William John	Sept. 16, 1885	Feb. 5, 1895	6.94	9.31
McCreedy, Robert Charles	Feb. 12, 1887	Dec. 29, 1893	5.76	7.36
Meenan, David B.	Feb. 9, 1887	May 31, 1894	7.64	6.74
Menhennett, Leon William	Oct. 18, 1887	May 31, 1895	7.06	8.73
Merrifield, Lewis Biehl	June 2, 1888	June 1, 1898	.....	.....
Metz, Arthur Lincoln	Aug. 7, 1886	April 27, 1894	7.34	7.25
Miller, Granville Guy	July 1, 1887	June 25, 1897	8.58	8.77
Miller, Harman Harry	Dec. 14, 1886	Sept. 24, 1895	8.20	8.34
Miller, John Warren	July 10, 1886	May 29, 1896	8.58	9.44
Miller, Paul	May 1, 1888	Sept. 20, 1895	7.18	9.53
Miller, Robert Franklin	Aug. 7, 1887	May 29, 1896	8.39	9.48
Miner, George B.	April 10, 1884	Dec. 30, 1890	7.01	7.45
Mitchell, Maurice McClellan	April 24, 1887	Sept. 21, 1894	6.69	7.02
Moldenhauer, Carl William	June 16, 1887	July 2, 1895	8.10	9.34
Moore, George David	Jan. 14, 1888	May 31, 1895	5.41	8.04
Morley, Edwin Clark	March 31, 1887	Sept. 21, 1894	8.38	8.97
Morley, Harrison Morton	Sept. 18, 1888	Sept. 18, 1896	8.06	9.47
Moyer, Abraham Rase	May 16, 1887	May 29, 1896	7.45	7.54
Moyer, Elvin Rodgers	May 14, 1885	April 27, 1894	6.56	3.78
Mulvihill, Bernard	July 8, 1886	May 31, 1893	5.89	7.71
Munter, Louis	March 18, 1888	June 24, 1895	7.44	8.72
Murry, Robert	Dec. 15, 1884	March 27, 1894	6.12	8.24
Myers, Norman Cleveland	Aug. 19, 1884	June 20, 1893	6.72	7.13
Nattress, Milton Gordon	April 2, 1887	Sept. 21, 1894	7.60	9.86
Neal, Roland	Nov. 26, 1884	June 11, 1894	6.80	8.84
Neel, Amos Joseph	June 19, 1885	May 31, 1895	7.58	7.07
Neff, Franklin Batchelder	July 13, 1886	April 27, 1894	8.44	8.99

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 169

SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Neitzel, Charles	Sept. 11, 1887	Sept. 18, 1896	6.69	8.58
Newcomb, Clarence Berthaud	Jan. 23, 1889	Sept. 7, 1897	8.50	9.63
Nichols, George Washington	Feb. 22, 1887	Dec. 30, 1896	8.36	7.89
Noll, John Raymond	Feb. 1, 1888	Dec. 31, 1897	7.67	9.52
Norman, Harry Elmer	July 17, 1886	Dec. 31, 1895	7.88	8.40
Oberholtzer, Oliver	Dec. 15, 1884	April 27, 1894	5.73	8.17
O'Horo, Russel M.	Oct. 17, 1888	Jan. 20, 1898	9.08	9.46
Oliver, Alfred	Oct. 12, 1886	April 27, 1894	7.65	8.26
Orr, Alfred Joseph	March 21, 1888	Dec. 30, 1896	7.53	9.53
Osborn, Gillis Reed	Jan. 17, 1886	Dec. 31, 1895	7.18	8.69
Osborn, Samuel	May 12, 1888	Dec. 31, 1895	7.85	8.96
Owen, Evan S.	March 30, 1885	Dec. 30, 1892	5.81	5.66
Owens, Harry Thomas	March 11, 1888	Jan. 14, 1896	7.22	9.50
Palm, Harry Charles	Oct. 8, 1886	May 31, 1894	5.75	8.22
Parchem, William	Dec. 5, 1886	April 27, 1894	7.34	9.37
Park, John Alfred	Oct. 27, 1887	May 31, 1895	7.74	8.49
Parkinson, John Graham	Oct. 4, 1886	April 27, 1894	7.23	6.03
Pattison, Joseph Robert	Jan. 4, 1888	May 29, 1896	7.65	8.50
Paulhamus, Holden Taylor	March 7, 1888	Sept. 7, 1897	8.20	8.68
Peck, Charles Durland	Feb. 6, 1885	Dec. 28, 1894	7.16	8.92
Peck, William M.	April 5, 1885	June 13, 1893	6.96	5.30
Person, William Sassman	Jan. 14, 1889	June 8, 1898	.....	.....
Peters, Edward	May 22, 1887	May 31, 1894	7.16	9.02
Phelps, Thomas T.	Aug. 29, 1885	April 6, 1894	6.24	8.80
Philips, George Samuel	July 4, 1886	June 4, 1896	8.56	6.42
Phillips, Thomas	Oct. 4, 1887	Sept. 18, 1896	6.37	8.20
Picton, Raymond	Sept. 12, 1886	May 29, 1896	8.30	8.80
Pierce, James Harvey	Sept. 26, 1887	May 29, 1896	8.31	8.97
Piffer, Wallace Wade	Feb. 23, 1886	May 31, 1894	7.75	8.47
Pilling, William	July 14, 1886	April 27, 1894	7.29	6.91
Pomerantz, Harry	June 29, 1889	June 12, 1896	7.26	7.96
Poorman, Albert Lee	May 26, 1887	Dec. 30, 1896	4.72	9.27
Porter, George Stilwell	Feb. 13, 1886	May 31, 1892	6.75	9.33
Pringle, Oscar Lee	July 30, 1887	Sept. 21, 1894	6.71	8.16
Pritchard, Timothy Lightbown	Jan. 28, 1887	May 31, 1894	7.55	8.53
Pugh, Grover Cleveland	Feb. 12, 1885	June 1, 1893	7.00	7.70
Pyfer, William Oliver	Dec. 17, 1887	June 25, 1895	6.37	8.33
Rahner, Louis Henry	Sept. 7, 1887	Sept. 6, 1897	8.48	9.24
Ralke, Charles	March 8, 1887	May 31, 1893	6.47	8.43
Ralston, Arthur	April 4, 1889	May 31, 1895	8.23	8.10
Ramer, Harvey	Dec. 26, 1887	May 31, 1895	4.87	8.05
Rapp, Carl August	Jan. 28, 1887	Sept. 21, 1894	7.29	7.98
Rauchenberger, John Andrew	April 28, 1885	April 4, 1894	6.95	7.79
Rees, Clarence Ellwood	Aug. 26, 1888	May 29, 1896	8.46	9.21
Rees, Thomas Milton	July 13, 1886	May 29, 1896	6.71	8.58
Reiff, Earl James S.	July 12, 1885	April 9, 1894	7.09	8.43
Reilly, Joseph	Jan. 20, 1887	May 31, 1895	8.55	7.56
Reilly, Leo	April 27, 1887	June 2, 1896	7.40	8.51
Reuss, Charles	Oct. 11, 1887	Dec. 28, 1894	5.98	9.06

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Rhodes, Elvy Elmer	Jan. 9, 1886	Sept. 21, 1894	8.10	6.52
Richards, Henry	Aug. 26, 1886	May 29, 1896	6.80	9.38
Richardson, George Webb	Aug. 11, 1888	Dec. 30, 1896	8.45	8.96
Richelson, Paul Gottlob	Dec. 4, 1887	Jan. 11, 1897	7.30	7.98
Rieder, John Otto	April 23, 1887	Dec. 31, 1895	8.50	9.38
Riter, Walter Scott	Sept. 2, 1886	Dec. 31, 1895	6.61	7.60
Roberts, Benjamin	March 16, 1886	May 31, 1894	7.17	8.35
Roberts, Thomas	Jan. 4, 1885	May 31, 1894	6.64	9.40
Robertson, Andrew Thompson	July 10, 1888	June 1, 1898	.....	.....
Robertson, William	Oct. 12, 1888	May 29, 1896	8.27	7.92
Robinson, Frederick A.	June 19, 1887	Sept. 18, 1896	6.86	6.83
Robinson, John Dolman	Nov. 26, 1887	May 31, 1895	7.91	9.46
Rohlfing, Henry Lewis	Nov. 26, 1887	Dec. 28, 1894	7.74	5.96
Rolling, Charles William	Jan. 25, 1889	Dec. 30, 1896	8.80	8.04
Ross, Earl Clinton	April 4, 1884	Dec. 30, 1890	5.37	7.03
Royal, Harry Webster	Feb. 7, 1887	Sept. 21, 1894	7.20	6.78
Russell, John Elliott	July 18, 1886	May 31, 1894	7.51	8.19
Sanborn, John	Nov. 12, 1888	Sept. 6, 1897	9.10	9.61
Sands, John Cleveland	June 7, 1887	Sept. 20, 1895	7.61	7.39
Sarwick, George Francis	Jan. 9, 1888	Dec. 30, 1896	8.74	9.35
Sattler, William Charles	Jan. 4, 1886	March 27, 1894	6.68	7.94
Schairer, Ludwig Henry	April 27, 1889	Sept. 7, 1897	8.46	8.96
Scheufele, Wilbur Sherman	June 27, 1886	May 31, 1893	7.88	6.89
Schick, Charles	Dec. 14, 1886	May 29, 1896	8.27	9.32
Schleider, Ferd. Alphonse	Oct. 12, 1888	May 29, 1896	8.20	7.86
Schwenk, Ernest Leon	April 3, 1888	Sept. 24, 1895	6.49	7.64
Scott, Harry	March 22, 1889	Dec. 30, 1896	8.38	9.12
Scott, Robert	Nov. 2, 1887	Jan. 17, 1896	7.76	9.27
Sechrist, Harry Roy	July 30, 1886	April 27, 1894	6.64	6.81
Sechrist, Robert William	Aug. 25, 1884	April 27, 1894	7.46	8.14
Seifert, Charles Oscar	Jan. 29, 1885	Dec. 30, 1892	5.75	8.07
Seifert, Ernest John	July 31, 1887	Dec. 31, 1895	7.14	10.00
Seipel, Charles Favinger	May 24, 1887	Nov. 1, 1894	6.27	8.11
Seitzinger, Frank Leister	April 10, 1887	May 31, 1894	8.29	9.48
Sergeant, Robert Gilmore	Dec. 8, 1888	Sept. 28, 1896	8.17	8.19
Shaffer, Matthias Grant	Nov. 22, 1885	June 13, 1895	5.76	8.43
Shaw, Clarence William	Dec. 24, 1886	Sept. 20, 1895	6.91	8.31
Shepherd, Frank Platt	Nov. 13, 1884	May 31, 1893	7.67	7.46
Shepherd, Norwood	Oct. 9, 1886	April 27, 1894	7.96	9.47
Shields, John	July 3, 1888	Sept. 28, 1896	7.98	7.86
Shives, William James	May 3, 1888	May 29, 1896	8.65	8.14
Shupp, Guy Watson	Jan. 2, 1885	May 31, 1894	7.08	7.38
Sigel, Charles	March 29, 1889	Sept. 6, 1897	8.11	8.40
Sigel, John	Nov. 22, 1885	May 31, 1894	7.47	7.94
Silladay, Samuel Snell	Oct. 29, 1886	June 24, 1895	8.79	8.49
Simmons, Wm. Randolph	March 20, 1885	June 27, 1893	7.69	8.60
Simms, William Henry	Dec. 13, 1886	Dec. 29, 1893	8.27	8.73
Simons, Frank Lewis	Oct. 19, 1885	May 31, 1894	7.82	7.97
Simons, Frank Waker	April 29, 1886	Jan. 16, 1894	7.93	7.64

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 171

SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Simpson, Frederick J.	Aug. 23, 1884	April 27, 1894	7.59	9.95
Simpson, Samuel Smith	March 9, 1887	Sept. 21, 1894	7.83	7.82
Siple, Ambrose Kerwin Aug.	Sept. 19, 1886	June 24, 1896	8.68	9.33
Sloyer, Daniel Irvin	March 4, 1887	Sept. 18, 1896	7.60	9.48
Smith, Charles Risdon	Sept. 11, 1887	Sept. 6, 1897	9.07	9.39
Smith, Phalanda Sutcliffe	Oct. 9, 1888	Sept. 18, 1896	8.71	9.85
Smith, Ronald Reid	July 1, 1888	Sept. 6, 1897	8.43	7.46
Smith, Ross Hammond	Feb. 4, 1886	May 31, 1894	6.65	7.94
Smith, Walter Allen	Jan. 29, 1887	May 31, 1894	7.69	7.94
Smith, William	Jan. 14, 1888	May 31, 1895	8.26	9.49
Sneddon, Howard Blaine	July 13, 1886	May 31, 1895	6.11	9.27
Snyder, Charles Michael	May 1, 1888	Sept. 20, 1895	7.68	8.15
Snyder, Stanley Herbert	Dec. 15, 1888	Dec. 30, 1896	8.67	9.45
Snyder, William Roscoe	June 19, 1887	Dec. 31, 1895	8.29	9.64
Sontgen, Frederick	Jan. 22, 1888	May 31, 1895	7.68	7.20
Spahr, Elmer Joseph	Oct. 20, 1886	May 29, 1896	8.53	8.84
Sprowles, George Ebert	Dec. 21, 1886	Dec. 28, 1894	8.39	8.72
Starr, John Hiram	Aug. 26, 1889	Sept. 7, 1897	7.97	8.82
Starr, Joseph Walsh	Feb. 28, 1888	Sept. 6, 1897	8.49	9.45
Starr, William Harvey	March 23, 1887	Jan. 14, 1896	7.62	8.37
States, James Lester	Feb. 16, 1889	Dec. 30, 1896	8.61	8.79
Stecklein, Theodore Otto	Feb. 19, 1886	April 27, 1894	5.71	8.82
Stehlé, Sheridan Valentine	Feb. 14, 1888	May 31, 1895	8.23	7.99
Steinmetz, Henry	Nov. 18, 1883	Jan. 15, 1891	6.27	8.25
Steltz, Isaac Augustus	Oct. 13, 1885	June 1, 1893	7.63	8.62
Stofflet, Elmer Jacob	Nov. 18, 1887	Jan. 7, 1896	7.65	6.87
Stone, Elijah	Aug. 8, 1886	Dec. 31, 1895	6.89	8.16
Straub, Henry	Feb. 13, 1887	Feb. 3, 1897	7.35	7.63
Styers, James William	Nov. 22, 1885	May 31, 1895	6.13	8.04
Sullivan, John Dennis	Feb. 22, 1886	Dec. 30, 1892	7.78	6.96
Swenk, Ralph	Sept. 5, 1887	Sept. 20, 1895	7.62	9.10
<b>Taylor, Theodore Harris</b>	Nov. 8, 1888	June 15, 1896	7.70	7.43
Taylor, Thomas	Aug. 8, 1886	April 27, 1894	7.19	7.50
Terry, Harry Shaw	March 17, 1885	April 27, 1894	6.39	7.58
Terry, Walter Herbert	May 7, 1888	Dec. 31, 1895	7.59	9.04
Thackara, George Isaac	May 20, 1885	June 27, 1893	6.84	7.90
Thomas, Augustus G.	Nov. 23, 1885	Jan. 16, 1894	4.84	9.89
Thomas, Howard Raymond	June 2, 1887	Sept. 21, 1894	7.52	7.99
Thompson, Adam Norback	Sept. 2, 1887	Dec. 28, 1894	8.04	8.47
Thompson, Gerald	April 7, 1889	Sept. 16, 1897	8.69	8.45
Thornton, James	Jan. 28, 1887	May 31, 1895	6.76	6.72
Thress, John	Oct. 8, 1886	May 31, 1895	6.24	8.36
Tice, Irvin	May 18, 1886	Dec. 31, 1895	5.87	5.99
Todd, Charles Eugene	Oct. 15, 1887	May 29, 1896	8.90	9.30
Tourish, John	Jan. 1, 1886	Dec. 31, 1895	8.73	9.36
Townsend, John Elwood	June 4, 1885	April 27, 1894	7.35	6.28
Trankle, Frederick William	Aug. 25, 1887	June 15, 1896	6.61	8.74
Troutman, Harvey Andrew	July 3, 1888	Dec. 30, 1896	8.79	9.07
Trumbauer, Oswin	May 13, 1888	May 29, 1896	8.53	8.63

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Turner, James Windolph	April 15, 1888	Sept. 6, 1897	8.07	9.46
Tyson, Lawrence Norman	Jan. 7, 1888	May 31, 1895	8.17	7.27
Varshofsky, Joseph	Aug. 18, 1888	Dec. 31, 1895	7.30	8.33
Wagner, John Robert	Dec. 6, 1889	Sept. 6, 1897	9.19	8.64
Wahler, Charles Joseph	April 20, 1886	June 24, 1895	5.77	7.23
Waide, James Adams	Oct. 3, 1887	Jan. 14, 1895	6.74	7.76
Wanner, Samuel	March 14, 1886	Sept. 20, 1895	7.15	6.92
Warner, Meade H.	Aug. 18, 1886	Sept. 21, 1894	7.27	7.89
Weber, Oliver Mantz	Dec. 2, 1888	Dec. 30, 1896	7.62	9.22
Weigert, Frank	Jan. 27, 1884	March 16, 1891	5.45	8.24
Weir, Clarence Henry	Sept. 4, 1887	Sept. 1, 1897	8.85	9.03
Weiss, Benjamin Harrison	June 17, 1888	Sept. 7, 1897	7.51	8.49
Wells, Charles Albert	Aug. 1, 1887	July 27, 1897	8.73	9.68
Wenner, Harry Aaron	Feb. 25, 1886	April 27, 1894	7.31	6.86
Wentz, Roy Hiram	Dec. 3, 1888	Sept. 18, 1896	8.18	8.82
Wertz, Burt Gerald	March 19, 1887	Sept. 18, 1896	8.01	8.40
Westcott, Albert Taxis	May 1, 1885	Dec. 28, 1894	7.29	8.17
Wettergreen, Blake John	June 9, 1888	Sept. 7, 1897	9.00	8.68
Weyman, William	Dec. 23, 1885	April 27, 1894	7.80	8.16
White, Howard Thomas	Aug. 31, 1886	Jan. 25, 1895	8.40	8.96
Whiteley, Geo. W. Whit.	March 21, 1886	Jan. 17, 1896	7.10	6.55
Wiegand, George Frederick	Jan. 13, 1884	May 31, 1893	6.12	7.19
Wilford, Harry William	April 29, 1886	Jan. 14, 1896	6.90	9.01
Williams, William	March 29, 1889	Sept. 6, 1897	8.59	9.39
Wilmer, William Fulmer	Oct. 9, 1888	Sept. 18, 1896	7.58	8.88
Wilson, Ernest David	July 30, 1887	Sept. 21, 1894	8.44	8.96
Wilson, Ralph Ashton	July 2, 1887	Sept. 21, 1894	7.47	6.28
Wilson, Thomas Bushnell	June 23, 1887	Dec. 28, 1894	8.02	4.11
Wilson, William Tustin	Aug. 18, 1885	June 6, 1895	6.11	3.59
Winslow, Ellery McDonald	Oct. 28, 1886	May 29, 1896	6.36	8.43
Winter, Joseph Earl	July 27, 1888	May 29, 1896	6.94	6.11
Wirth, Charles	March 22, 1886	Jan. 16, 1894	7.60	6.74
Witherington, John Henry	Aug. 24, 1888	May 29, 1896	6.31	9.18
Woerner, Ludwig	Nov. 7, 1885	Dec. 28, 1894	7.10	6.12
Wolf, Harry Urie	July 22, 1887	Sept. 21, 1894	6.66	8.12
Wolstenholme, Edward	Jan. 14, 1889	Sept. 6, 1897	7.85	8.75
Wood, Lawrence Vitty	July 10, 1888	June 17, 1898	.....	.....
Woods, James	Aug. 18, 1887	Dec. 28, 1894	6.01	6.05
Wooten, John Mansfield	May 23, 1887	May 31, 1895	6.08	8.28
Wunderlich, Robert Orlando	Dec. 21, 1887	May 31, 1895	8.10	7.85
Wylde, William	June 1, 1888	Sept. 20, 1895	7.79	9.00
Yeager, Lloyd Preston	July 5, 1886	Sept. 21, 1894	8.11	7.57
Young, John Alexander	Nov. 8, 1887	Dec. 28, 1894	7.31	8.66
Zeller, Jay Hay Brown	April 29, 1888	Sept. 6, 1897	8.45	8.90
Zeiders, Franklin M.	Jan. 9, 1886	Sept. 21, 1894	6.96	5.96

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Acker, Earle Swavely	Oct. 4, 1889	Dec. 31, 1897	8.47	9.09
Adair, Joseph Theodore	May 5, 1887	Dec. 30, 1896	7.02	9.05
Allen, Nathan Errett Herdman	Feb. 2, 1889	Dec. 31, 1897	7.80	9.53
Anderson, Francis Earl	Sept. 5, 1887	May 31, 1895	5.49	8.34
Anderson, George David	Jan. 9, 1890	June 1, 1898	.....	.....
Armstrong, Frank	Nov. 23, 1888	Jan. 14, 1898	8.39	9.04
Arnold, George Henry	Jan. 3, 1891	Dec. 30, 1898	" "	" "
Auner, Edmund Cadwallader	March 10, 1890	Sept. 6, 1897	7.17	9.84
Bagnell, James	June 5, 1889	June 1, 1898	.....	.....
Bald, Ellwood Christian	Jan. 18, 1889	June 1, 1898	.....	.....
Ball, Stanley	Aug. 14, 1890	Dec. 30, 1898	.....	.....
Barford, Harry	Sept. 27, 1890	Sept. 30, 1898	.....	.....
Barkoff, John May	July 18, 1890	Dec. 30, 1898	.....	.....
Beals, Frank Heverly	Nov. 20, 1889	Dec. 31, 1897	8.66	9.91
Beatty, Joseph	May 11, 1890	Sept. 6, 1897	9 15	9.15
Becker, Clarence Sydney	July 25, 1888	June 1, 1898	.....	.....
Beeby, Vernon Strickland	April 12, 1888	Dec. 31, 1897	7.75	9.84
Bement, Amos Curtis	Dec. 13, 1891	Dec. 31, 1897	3.95	9.79
Benditt, Frederick	May 24, 1889	Sept. 6, 1897	7.42	8.88
Bennett, John Robert	June 23, 1890	Dec. 30, 1898	.....	.....
Bernius, Henry George	March 9, 1889	Dec. 30, 1896	7.35	8.76
Binder, Ray Vincent	April 14, 1890	Dec. 30, 1898	.....	.....
Bitterlich, Harry Francis	Dec. 31, 1888	Sept. 6, 1897	7.52	8.83
Blair, Charles Harrison	Nov. 2, 1888	Dec. 30, 1896	6.87	8.40
Blakely, John Ellis	April 22, 1891	Dec. 30, 1898	.....	.....
Blakemore, Francis William	Sept. 20, 1887	Sept. 18, 1896	8.47	9.46
Bleuit, George Washington	Aug. 20, 1888	May 29, 1896	6.84	8.93
Blumrick, Geo. Washington M.	March 5, 1890	Dec. 30, 1898	.....	.....
Boulay, Adolph Henry	July 9, 1890	June 1, 1898	.....	.....
Bowen, James Joseph	May 10, 1889	June 1, 1898	.....	.....
Bowen, John Stewart	May 26, 1890	June 1, 1898	.....	.....
Bowman, Earl	Feb. 11, 1890	Dec. 30, 1898	.....	.....
Boyd, William Gordon	Feb. 10, 1890	Sept. 18, 1896	6.78	10.00
Brandt, William Frank	July 19, 1888	Dec. 30, 1896	6.52	8.93
Bredbenner, Herbert Frederick	Aug. 27, 1889	Dec. 30, 1898	.....	.....
Brinton, Leonard	Sept. 8, 1888	Sept. 6, 1897	7.75	8.31
Brinton, Ralph Saltmarsh	Sept. 17, 1890	Sept. 30, 1898	.....	.....
Broadwell, Walter	Aug. 28, 1889	June 1, 1898	.....	.....
Brown, George Coryell	March 30, 1888	Dec. 31, 1895	5.97	8.43
Brown, George Edward	March 12, 1890	June 1, 1898	.....	.....
Brown, Herbert Alfred Stanley	Jan. 6, 1889	Dec. 30, 1896	6.18	8.90
Brown, William Ray	Aug. 18, 1887	Aug. 13, 1897	7.53	8.34
Bruce, George Washington	May 25, 1889	Dec. 31, 1897	8.48	9.36
Bruce, Robert Moorhead	Oct. 13, 1889	Dec. 30, 1898	.....	.....
Bubeck, John Frederick	March 2, 1888	Sept. 7, 1897	6.86	8.38



## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Bush, Harry	Dec. 1, 1889	June 1, 1898	.....	.....
Byers, Robert	Nov. 4, 1888	June 1, 1898	.....	.....
Byrem, Harry Lawrence	July 28, 1890	June 1, 1898	.....	.....
Cadow, Charles Harrison	March 12, 1889	June 1, 1898	.....	.....
Cain, William	March 5, 1890	June 15, 1896	7.40	9.70
Campbell, Arthur	Oct. 13, 1890	Sept. 30, 1898	.....	.....
Carlin, William Martin	Jan. 30, 1891	Dec. 30, 1898	.....	.....
Carlisle, Francis	June 3, 1889	Sept. 6, 1897	8.14	9.21
Carre, Edward Daniel	Sept. 24, 1888	Sept. 6, 1897	6.72	8.42
Casatt, Frank Elston	Sept. 30, 1889	June 1, 1898	.....	.....
Cassel, Benjamin Harrison	Dec. 8, 1888	Dec. 31, 1897	8.89	9.33
Chambers, Frederick	Dec. 7, 1888	Sept. 6, 1897	7.77	8.95
Christian, Morton Thurston	Oct. 11, 1888	Sept. 7, 1897	7.38	9.39
Clarenbach, Albert August	June 25, 1889	Sept. 6, 1897	8.48	9.61
Clark, Edmund Lord	May 31, 1890	Sept. 30, 1898	.....	.....
Clarke, Francis Humes	March 9, 1890	June 1, 1898	.....	.....
Clavier, William Ernst	Feb. 28, 1891	Dec. 30, 1898	.....	.....
Collins, James Francis	Oct. 4, 1889	Dec. 31, 1897	9.29	9.82
Connelly, William	Jan. 25, 1889	Dec. 30, 1896	8.38	9.77
Cooper, Benjamin Harrison	Nov. 1, 1888	May 29, 1896	6.13	9.49
Cope, Reuben Oscar	Jan. 30, 1890	Dec. 30, 1898	.....	.....
Craig, Hilliard Sanders	Dec. 31, 1890	Dec. 30, 1898	.....	.....
Cresswell, Alexander Balrd	Dec. 23, 1888	Sept. 7, 1897	8.17	9.62
Curtin, Bernhard	July 22, 1888	May 29, 1896	7.12	8.95
Cutter, Charles	Dec. 27, 1888	May 29, 1896	6.02	8.24
Daisey, Elmer	Nov. 25, 1888	Dec. 31, 1897	6.71	9.35
Daley, Henry Thomas	Aug. 2, 1888	Dec. 31, 1897	6.60	8.70
Dallas, William Halpin	Aug. 19, 1889	June 1, 1898	.....	.....
Davis, Albert	May 2, 1889	Dec. 30, 1898	.....	.....
Davis, Leonard Reyburn	March 22, 1889	May 31, 1895	7.82	8.90
Deatch, Alexander	June 8, 1889	Sept. 7, 1897	6.91	9.58
Dessalet, James Robinson	March 7, 1889	Sept. 6, 1897	8.36	9.14
Dewell, Albert Nathaniel	Aug. 28, 1887	Sept. 18, 1896	8.53	9.62
Doberstein, Felix William	July 25, 1888	June 1, 1898	.....	.....
Doberstein, Frank Joseph	May 2, 1890	June 1, 1898	.....	.....
Donaghy, William Alexander	Jan. 30, 1889	Sept. 6, 1897	7.50	8.60
Donnelly, James	June 20, 1889	May 29, 1896	7.99	9.06
Dougherty, John	Aug. 8, 1890	June 1, 1898	.....	.....
Drummond, James Johnson	Jan. 16, 1889	Sept. 7, 1897	7.97	8.30
Dubree, John Bisbing	Aug. 8, 1888	Dec. 31, 1897	9.08	9.26
Dullenkopf, Alfred Charles	Sept. 28, 1888	Dec. 30, 1896	6.41	9.11
Dullenkopf, Chas. Frederick	May 7, 1890	Sept. 30, 1898	.....	.....
Dunk, Emanuel Marcelino	June 12, 1887	June 9, 1897	8.22	9.44
Dyer, Walter Josiah	Sept. 22, 1889	Dec. 30, 1898	.....	.....
Eachus, Homer	July 20, 1890	June 1, 1898	.....	.....
Earnest, Geo. Edward Graffly	Jan. 22, 1889	Sept. 6, 1897	8.86	9.19
Edelman, Louis Albert	Oct. 26, 1890	Dec. 30, 1898	.....	.....
Eisenhardt, Frederick	Oct. 14, 1888	May 29, 1896	6.50	7.65
Ellis, George Charles	May 15, 1887	Dec. 30, 1896	7.54	8.42

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 175

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Ellis, Harry Arbor	May 2, 1889	Dec. 31, 1897	9.16	9.73
Ellis, Samuel	Dec. 12, 1888	June 1, 1898	.....	.....
Engquist, Carl John	Oct. 17, 1890	Dec. 30, 1898	.....	.....
Enoch, Elmer Edward	Oct. 27, 1888	Dec. 31, 1897	8.49	9.44
Enz, Henry Christian	Feb. 10, 1891	Dec. 30, 1898	.....	.....
Enz, William Frederick	Feb. 9, 1890	Dec. 30, 1898	.....	.....
Evans, David Albert	May 19, 1890	Dec. 30, 1898	.....	.....
Ewing, Leroy Sinclair	Nov. 18, 1889	June 1, 1898	.....	.....
<b>Ferrey, Raymond John</b>	June 3, 1890	June 1, 1898	.....	.....
Ferris, John	Jan. 6, 1890	Dec. 30, 1898	.....	.....
Ferris, Joseph	July 6, 1888	Jan. 17, 1896	7.00	8.87
Fester, William Martin	Nov. 8, 1889	Dec. 31, 1897	6.95	7.20
Findeisen, Philip Frederick	Dec. 12, 1887	Sept. 6, 1897	8.54	8.35
Fisher, Chester Oscar	July 5, 1888	June 1, 1898	.....	.....
Fleming, Harry Gardner	July 30, 1889	Sept. 7, 1897	6.47	8.11
Flick, Taylor Barner	Aug. 4, 1889	Sept. 30, 1898	.....	.....
Floto, Oscar Jacob	Sept. 19, 1888	May 29, 1896	7.03	9.10
Foley, Albert Edward	Aug. 27, 1889	Dec. 30, 1898	.....	.....
Foley, Dennis Joseph	March 25, 1889	Sept. 7, 1897	7.42	9.77
Foley, Thomas John	Aug. 27, 1889	Dec. 30, 1898	.....	.....
Ford, Edward James	Aug. 22, 1889	June 1, 1898	.....	.....
Fravel, Lester David	June 15, 1890	Dec. 30, 1898	.....	.....
Fravel, William Henry	Aug. 20, 1887	March 5, 1897	7.44	9.06
Fredericks, Harry Carl Ernest	Oct. 13, 1889	Dec. 31, 1897	8.28	9.41
Free, Ira Maxwell	Dec. 5, 1889	Dec. 30, 1898	.....	.....
Frey, Edward Samuel	May 1, 1888	Sept. 7, 1897	7.07	7.51
Frey, Robert Uhler	May 28, 1890	June 1, 1898	.....	.....
Fritz, Joseph Max	Oct. 16, 1888	Dec. 30, 1896	7.13	8.53
Frye, Clayton Ellwood	Sept. 27, 1889	Dec. 31, 1897	6.28	9.85
Frymyer, Howard	Aug. 27, 1890	Dec. 30, 1898	.....	.....
<b>Garland, Frank</b>	July 21, 1887	Dec. 30, 1896	8.57	9.44
Garner, Jos. Longworth Foster	Nov. 7, 1889	Dec. 31, 1897	7.82	9.74
Garvin, Alfred Moncrieff	April 14, 1887	Jan. 4, 1895	6.85	6.72
Geddes, William Clark	Dec. 29, 1889	Dec. 31, 1897	7.70	8.52
Gehring, Edward Cornelius	Jan. 24, 1891	Dec. 30, 1898	.....	.....
Gehris, John	Jan. 24, 1890	June 1, 1898	.....	.....
Gehris, Paul Lafayette	March 28, 1890	June 1, 1898	.....	.....
Gerney, Ernest John	Jan. 24, 1890	June 1, 1898	.....	.....
Ginter, Charles Albert	Feb. 28, 1890	June 28, 1898	.....	.....
Golightly, William	June 8, 1890	Sept. 30, 1898	.....	.....
Goodman, Joseph	Feb. 25, 1891	June 1, 1898	.....	.....
Gordon, John McGowan	Sept. 18, 1889	Dec. 31, 1897	7.04	8.93
Goucher, Howard Note	July 4, 1888	May 29, 1896	7.71	9.21
Graham, Vincent McKim	Feb. 13, 1890	June 1, 1898	.....	.....
Graybill, Warren Crawford	June 23, 1890	June 1, 1898	.....	.....
Green, John William	Sept. 20, 1888	Dec. 31, 1897	8.14	9.69
Green, Joseph	July 22, 1890	June 28, 1898	.....	.....
Green, Miles	Sept. 10, 1887	Sept. 18, 1896	.....	7.47
Gresens, Frederick Peter	Nov. 19, 1889	Dec. 31, 1897	8.55	8.35

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Gresens, William Herman	Oct. 21, 1888	Jan. 13, 1897	7.65	8.38
Gress, Abraham Morris	Jan. 25, 1888	May 29, 1896	8.59	9.73
Greves, Edward Francis	Jan. 22, 1890	Jan. 14, 1898	6.84	9.35
Griffith, William Herbert	Sept. 3, 1889	Sept. 7, 1897	8.18	9.56
Grimm, Nathan Penrose	Sept. 4, 1888	June 1, 1898	.....	.....
Groome, John Campbell	Jan. 4, 1891	Dec. 30, 1898	.....	.....
Groome, Martin Joseph	March 14, 1889	Sept. 30, 1898	.....	.....
Grosser, Conrad Jacob August	June 6, 1888	Sept. 7, 1897	9.50	9.69
Grove, Frank Reiser Gerhard	Nov. 7, 1889	June 1, 1898	.....	.....
Guest, Benjamin Franklin	Sept. 5, 1889	Dec. 31, 1897	6.92	9.96
Hahn, Frank	Aug. 19, 1887	Dec. 30, 1896	8.10	8.84
Hahn, Raymond	Jan. 7, 1889	Dec. 30, 1896	6.85	8.34
Hahn, Simon Earl	July 12, 1890	June 1, 1898	.....	.....
Haist, Frederick Christian	Jan. 27, 1890	June 1, 1898	.....	.....
Hall, John James	May 18, 1889	Dec. 30, 1898	.....	.....
Hamilton, Andrew Sidney	Jan. 5, 1890	Dec. 31, 1897	7.83	9.45
Hamilton, John	Aug. 27, 1891	Dec. 31, 1897	5.52	8.98
Hannan, James	May 18, 1889	Sept. 6, 1897	8.01	8.78
Harding, Willis Wayne	Aug. 12, 1888	June 1, 1898	.....	.....
Harrigan, John Conway	March 8, 1892	April 28, 1898	1.84	9.56
Harrigan, Robert John	Jan. 29, 1890	May 29, 1896	6.84	9.37
Harris, Benjamin	Oct. 29, 1887	Dec. 31, 1895	7.68	9.32
Harris, William Thomas	Dec. 25, 1889	Dec. 31, 1897	8.59	8.98
Harrison, Joseph	July 30, 1890	June 1, 1898	.....	.....
Hartman, Frank Lincoln	May 18, 1890	June 1, 1898	.....	.....
Harwick, George Martin	Oct. 28, 1889	June 1, 1898	.....	.....
Havens, Frank Russell	Dec. 1, 1888	Sept. 7, 1897	9.04	9.39
Hawley, Charles Edward	Jan. 8, 1891	Dec. 30, 1898	.....	.....
Hawley, William Selby	Aug. 18, 1889	June 1, 1898	.....	.....
Heinz, Albert	Dec. 16, 1888	Dec. 30, 1896	7.76	8.71
Henning, Raymond	Jan. 1, 1889	Sept. 6, 1897	7.10	9.14
Herrmann, Daniel Whitby	March 29, 1888	May 31, 1895	6.75	6.42
Hildenbrand, Lewis Edward	April 20, 1890	June 1, 1898	.....	.....
Hill, William Wesley	Jan. 20, 1888	Jan. 10, 1896	7.55	9.64
Hirk, William Winfield	Oct. 17, 1890	Oct. 25, 1898	.....	.....
Hoeltzle, Albert Conrad	March 25, 1889	Sept. 7, 1897	7.33	9.89
Hoffman, John Wilson	April 26, 1889	June 1, 1898	.....	.....
Holmes, Samuel	Nov. 21, 1889	Dec. 31, 1897	7.28	9.40
Honicker, Franklin Adolph	Sept. 19, 1890	June 21, 1898	.....	.....
Hopper, Thomas Crawl	Nov. 26, 1888	Sept. 9, 1897	7.00	9.16
Hopple, Joseph	Sept. 14, 1889	Sept. 30, 1898	.....	.....
Horre, Rudolph Hugo	March 8, 1888	Dec. 31, 1895	7.84	8.73
Horscroft, William Frank	Dec. 28, 1890	Sept. 6, 1897	8.27	9.62
Houder, John Burton	March 8, 1889	Sept. 6, 1897	8.01	9.44
Howard, Allan Aloysia	Sept. 8, 1888	June 23, 1898	.....	.....
Hudson, Francis Wright	March 18, 1889	Sept. 6, 1897	9.00	9.23
Hume, David Orris	Sept. 24, 1887	Dec. 28, 1894	6.14	7.85
Hunter, Charles	Nov. 5, 1889	Dec. 31, 1897	8.80	9.67
Hunter, Robert Henry	April 6, 1890	Jan. 19, 1898	7.92	9.60

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 177

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Irvin, Walter William	Jan. 20, 1889	Sept. 7, 1897	7.56	9.14
Irvine, William Cleveland	Aug. 3, 1889	Dec. 30, 1898	.....	.....
Irvine, William George	Oct. 3, 1888	Dec. 31, 1897	7.73	9.17
Ivory, Harrison Clay	July 27, 1888	May 29, 1896	7.86	8.90
Jacobs, Walter Roy	Sept. 10, 1887	Sept. 7, 1897	7.97	8.34
Jahn, John Henry	Dec. 17, 1889	June 1, 1898	.....	.....
Jester, Albert Henry	Aug. 25, 1888	Jan. 14, 1898	8.31	8.76
Jester, Joseph Ellwood	Oct. 11, 1890	Jan. 14, 1898	6.72	9.83
Jewells, LeRoy	Dec. 2, 1888	Sept. 7, 1897	8.94	8.73
Johnsen, E. Thorleif Norman	Oct. 9, 1887	May 31, 1895	6.86	9.47
Jolly, Robert Bruce	Jan. 2, 1890	June 1, 1898	.....	.....
Jones, Harry Blyer	Feb. 11, 1890	Dec. 31, 1897	7.63	9.89
Jones, Joseph Haydn	March 1, 1891	Dec. 30, 1898	.....	.....
Kane, Arthur Garfield	Aug. 29, 1890	June 13, 1898	.....	.....
Kaufman, Victor Preston	March 31, 1889	Sept. 30, 1898	.....	.....
Keegan, Edward	Jan. 19, 1889	Dec. 31, 1897	7.41	7.11
Keim, Franklin LeRoy	May 26, 1889	June 1, 1898	.....	.....
Keller, George Albert	Nov. 18, 1889	Oct. 25, 1898	.....	.....
Kelly, Edward William	Jan. 18, 1890	Dec. 30, 1898	.....	.....
Kennedy, John Alexander	Aug. 14, 1889	Dec. 30, 1898	.....	.....
Kennedy, Lawrence Fremont	Sept. 10, 1890	Dec. 30, 1898	.....	.....
Kenvin, Griffith	Aug. 20, 1886	Jan. 4, 1895	7.18	9.88
Kenworthy, Thomas Benjamin	Nov. 22, 1890	Sept. 30, 1898	.....	.....
Kern, Frederick Elmer	Dec. 29, 1888	Dec. 30, 1896	7.13	7.76
King, Eugene Robert	Sept. 21, 1890	Sept. 30, 1898	.....	.....
Kirkland, William	Oct. 11, 1890	June 24, 1898	.....	.....
Kirschbaum, Albert Adolf	June 12, 1888	Dec. 31, 1895	5.45	7.18
Kirschbaum, Carl Alexander	Aug. 9, 1890	June 1, 1898	.....	.....
Kitselman, John Crosson F.	March 8, 1889	June 1, 1898	.....	.....
Kline, William Benjamin	Feb. 11, 1890	Dec. 31, 1897	7.10	9.75
Knapp, Horace Clifton	April 13, 1890	June 23, 1898	.....	.....
Koch, Ernest Frederick	Dec. 1, 1890	Dec. 30, 1898	.....	.....
Kolb, Clifford Elmer	April 9, 1889	Sept. 7, 1897	9.04	9.86
Kruse, Frederick	Jan. 26, 1891	Sept. 6, 1897	8.33	9.93
Lafferty, Harry James	June 3, 1889	Sept. 7, 1897	8.66	10.00
Lake, James George	Aug. 29, 1888	Sept. 6, 1897	8.18	9.04
Lamprecht, Joseph E.	July 12, 1890	Oct. 18, 1898	.....	.....
Larkin, Vernon Carlyle	Sept. 20, 1888	Jan. 19, 1898	7.73	7.94
Layden, Joseph	Nov. 18, 1889	June 1, 1898	.....	.....
Leaf, Frank George	April 8, 1889	Sept. 30, 1898	.....	.....
Lear, Samuel Maitland	Oct. 5, 1889	June 1, 1898	.....	.....
Leibgries, David	March 22, 1889	Sept. 6, 1897	8.12	9.06
Leibgries, Paul Fey	Nov. 29, 1890	Sept. 30, 1898	.....	.....
Leiby, Harry Joseph	April 11, 1890	June 1, 1898	.....	.....
Leister, Warren Leon	Aug. 23, 1889	Dec. 31, 1897	6.57	9.76
Levy, Morton Jacob	April 21, 1889	Sept. 6, 1897	8.15	9.43
Lindsey, Frank Myrl	Nov. 24, 1889	June 1, 1898	.....	.....
Lindsey, John Ramond	Nov. 24, 1889	June 1, 1898	.....	.....
Lloyd, James Kerr	Aug. 10, 1888	June 1, 1898	.....	.....

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Longacre, Benjamin Richard	Jan. 23, 1890	Dec. 31, 1897	6.90	9.43
Lord, Thomas Miller	April 15, 1889	June 1, 1898	.....	.....
Loughery, Thomas Edward	June 2, 1889	Jan. 21, 1898	7.31	7.63
Lovett, John Humphries	Oct. 7, 1889	June 2, 1898	.....	.....
Ludwig, James Albert	July 10, 1890	June 1, 1898	.....	.....
Luffberry, Joseph Collins	June 4, 1887	Sept. 21, 1894	7.40	6.59
Lukens, George Alexander	Nov. 4, 1890	Dec. 30, 1898	.....	.....
McCann, Francis	Feb. 3, 1890	May 5, 1898	8.85	9.35
McCarter, George William	Oct. 5, 1890	Oct. 21, 1898	.....	.....
McClain, Thomas Wiggins	April 19, 1889	June 1, 1898	.....	.....
McConaghy, Ellis Norvin	March 18, 1889	Jan. 19, 1898	6.77	9.88
McConnell, George Horn	Sept. 7, 1890	Sept. 18, 1896	7.21	9.56
McDougall, John Bruce	April 24, 1890	June 23, 1898	.....	.....
McDowell, Walter Elliott	Aug. 10, 1890	June 1, 1898	.....	.....
McElroy, Samuel Hatton	Aug. 7, 1890	June 1, 1898	.....	.....
McFetridge, Lloyd Wiegand	June 30, 1889	Sept. 25, 1895	7.18	8.67
McGrath, Lawrence Bishop	Nov. 15, 1888	Sept. 6, 1897	7.95	8.72
McMonigle, James	Nov. 12, 1889	Sept. 6, 1897	7.30	9.02
Mageoch, George Henry	Dec. 7, 1890	Dec. 30, 1898	.....	.....
Maguire, John	Aug. 21, 1889	May 29, 1896	7.31	8.16
Mallams, Calvin	Oct. 24, 1889	June 1, 1898	.....	.....
Margerum, John Emmert Price	Feb. 25, 1891	Dec. 30, 1898	.....	.....
Margerum, Robert Lehmann	Jan. 31, 1889	Dec. 30, 1898	.....	.....
Marsh, William Robt. Pattison	Sept. 13, 1889	Nov. 1, 1898	.....	.....
Martin, Edward Beasley	May 18, 1889	Sept. 6, 1897	8.46	9.67
Matthews, James Frank	Sept. 22, 1889	June 1, 1898	.....	.....
Maurer, Jesse Cleaver	July 26, 1890	Sept. 30, 1898	.....	.....
Maust, Harry Ray	Nov. 25, 1889	Sept. 15, 1898	.....	.....
Mayer, David Nathaniel	May 18, 1888	Dec. 30, 1896	7.74	9.74
Meadowcroft, John	July 24, 1889	Sept. 7, 1897	8.10	8.61
Meissner, George Alexander	Aug. 31, 1890	June 1, 1898	.....	.....
Meyer, Charles Benjamin	March 3, 1888	Dec. 30, 1896	6.29	8.88
Miller, William Francis	Oct. 10, 1888	June 21, 1898	.....	.....
Miner, Nicholas James	Aug. 19, 1888	Sept. 7, 1897	8.32	8.37
Mitchell, Alfred Thomas	Jan. 16, 1890	Dec. 30, 1898	.....	.....
Mitchell, Charles Jones	Oct. 14, 1890	Dec. 30, 1898	.....	.....
Mohr, Frederick Charles	Feb. 28, 1891	Dec. 30, 1898	.....	.....
Moldenhauer, Gustave Adolph	Sept. 3, 1890	June 1, 1898	.....	.....
Mooney, Walter Engel Clarke	May 28, 1888	Dec. 31, 1897	7.49	8.98
Moore, Brooke Adams	Feb. 15, 1889	Sept. 30, 1898	.....	.....
Moore, Charles	Feb. 6, 1886	Dec. 31, 1895	6.91	9.11
Moore, Emmett	Oct. 13, 1887	Dec. 30, 1896	6.27	6.49
Moore, Jerome Cook	May 26, 1890	June 1, 1898	.....	.....
Moore, Raymond Simpson	Feb. 18, 1891	Dec. 30, 1898	.....	.....
Morrison, John	May 28, 1888	Sept. 7, 1897	7.97	8.44
Moyer, Henry Rase	March 25, 1889	Jan. 13, 1897	8.11	8.69
Müller, Ferdinand	Aug. 6, 1887	May 31, 1895	7.22	8.97
Müller, Frank Lawrence	May 9, 1890	Dec. 30, 1898	.....	.....
Mulvaney, Horace Walter	June 8, 1890	June 20, 1898	.....	.....

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Mundorf, William R.	Sept. 25, 1889	Dec. 31, 1897	8.60	9.61
Muth, Charles	March 12, 1889	Sept. 6, 1897	8.32	9.65
Myers, Edgar Fickus	Feb. 18, 1889	Sept. 7, 1897	6.53	8.00
Myers, John Allison	Sept. 10, 1887	May 29, 1896	7.56	8.43
Myers, Richard London	Aug. 22, 1890	Dec. 30, 1898	.....	.....
Nace, Harvey	April 27, 1888	Sept. 7, 1897	7.41	8.73
Nattress, Earl Russell	Sept. 24, 1888	Dec. 30, 1896	8.05	9.94
Naylor, Henry Collar	Jan. 21, 1889	Dec. 30, 1896	6.05	9.02
Nealey, Louis Alfred DeMayo	May 31, 1890	June 1, 1898	.....	.....
Neely, Alexander	July 6, 1887	Sept. 21, 1894	6.55	6.73
Neely, John	April 14, 1890	June 1, 1898	.....	.....
Nertney, John	Oct. 14, 1885	June 11, 1895	8.69	9.93
Nertney, Michael Francis	Jan. 18, 1888	June 11, 1895	6.37	7.54
Nesaler, Vincent Leon	Jan. 3, 1890	Dec. 31, 1896	7.51	8.20
Nesaler, William Ernest	March 1, 1892	Dec. 30, 1898	.....	.....
Nice, Richard	May 11, 1888	Sept. 6, 1897	8.82	9.14
Nicholls, Walter	March 25, 1888	Dec. 31, 1897	6.99	8.89
Nittinger, Edgar	Jan. 30, 1889	Sept. 6, 1897	8.01	8.74
Noll, Elmer Moses	May 26, 1889	Dec. 30, 1898	.....	.....
Nolte, Harry Clayton	Aug. 12, 1888	June 1, 1898	.....	.....
Nolte, William Ferdinand	Aug. 21, 1890	June 1, 1898	.....	.....
Nordland, Charles Walter	Dec. 26, 1890	Dec. 30, 1898	.....	.....
Nordland, Edwin James	Jan. 25, 1889	Sept. 7, 1897	7.88	9.35
Nortine, Harry	June 18, 1890	Oct. 20, 1898	.....	.....
Notestine, George Murray	Oct. 14, 1889	June 1, 1898	.....	.....
Nowatny, Adolph Lubert	Aug. 16, 1887	Aug. 13, 1897	7.34	8.80
Nowatny, Charles Adolph	Jan. 30, 1890	Dec. 31, 1897	8.76	9.51
Nye, John William	Aug. 21, 1890	Dec. 30, 1898	.....	.....
O'Connor, Tim'y Eugene	Feb. 19, 1892	June 1, 1898	.....	.....
Orth, John Nicholas	March 14, 1889	Jan. 2, 1897	6.57	8.92
Osborn, Robert	Dec. 9, 1890	Dec. 30, 1898	.....	.....
Overdorf, Lewis Herbert	March 12, 1887	Dec. 30, 1896	7.52	9.59
Pague, Ellsworth	April 8, 1890	Dec. 30, 1898	.....	.....
Painter, John France	Feb. 5, 1889	Dec. 30, 1898	.....	.....
Park, Albert Doan	Feb. 19, 1891	Dec. 30, 1898	.....	.....
Parncutt, Charles Harrison	April 22, 1889	Sept. 6, 1897	7.88	9.34
Parry, Francis Joseph	Nov. 2, 1889	Dec. 31, 1897	8.54	9.41
Patterson, Harold Lindsay	July 16, 1889	Dec. 30, 1898	.....	.....
Peck, John Wildey	June 23, 1888	Dec. 30, 1896	6.91	9.77
Peters, Henry Arthur	April 17, 1889	June 1, 1898	.....	.....
Pfau, Mathias Adam	Aug. 8, 1889	June 1, 1898	.....	.....
Pharrah, Joseph Warner	May 2, 1889	Jan. 28, 1898	5.70	9.43
Phillips, Thomas Roland	Sept. 15, 1889	Dec. 31, 1897	7.36	8.77
Philippi, Arthur Karl	Nov. 5, 1888	Sept. 30, 1898	.....	.....
Philips, Albert	March 29, 1889	Sept. 7, 1897	6.90	9.33
Piersol, Leon Joseph	April 3, 1890	Dec. 30, 1898	.....	.....
Piggott, Albert Thomas	July 18, 1888	Jan. 19, 1898	6.94	9.09
Pleiss, George Luther	Nov. 30, 1890	Sept. 30, 1898	.....	.....
Poorman, Clyde Augustus	Dec. 13, 1888	Dec. 30, 1896	5.20	8.16

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Powell, John Henry	May 14, 1889	Dec. 31, 1897	8.11	9.70
Powell, Joseph William	May 25, 1890	Sept. 30, 1898	.....	.....
Preisig, Charles Adolph	June 21, 1887	June 16, 1897	7.14	8.35
Pritchard, Thomas Arthur	Jan. 12, 1890	June 1, 1898	.....	.....
Quigley, George W.	Aug. 9, 1887	Nov. 5, 1894	6.49	8.02
Raisner, Herman Kurtz	July 31, 1889	Dec. 31, 1897	8.30	9.20
Ralston, Joseph	March 4, 1891	Sept. 6, 1897	7.82	9.27
Ramer, Herbert	Dec. 26, 1887	May 31, 1895	6.26	8.79
Ramm, Augustus	Oct. 31, 1890	Dec. 30, 1896	5.92	9.58
Rauchenberger, Charles Aug.	July 4, 1887	May 31, 1895	6.54	9.57
Rawnsley, Herbert	June 28, 1889	June 17, 1898	.....	.....
Reber, Charles Irwin	July 24, 1888	Sept. 6, 1897	7.08	8.13
Rebmann, Godfried	Dec. 5, 1887	Sept. 6, 1897	8.88	8.15
Reed, Edward Francis	Dec. 3, 1889	Dec. 31, 1897	7.35	9.59
Rees, George Garfield	Jan. 13, 1889	June 1, 1898	.....	.....
Reichelderfer, Charles William	Nov. 18, 1888	June 17, 1898	.....	.....
Reilly, Thomas James	April 4, 1889	Sept. 6, 1897	8.49	9.39
Reynolds, Oliver Christopher	Oct. 21, 1889	June 1, 1898	.....	.....
Rhodes, Edward Harrison	June 6, 1889	Sept. 7, 1897	7.03	8.77
Richards, Chester Harrison	Nov. 13, 1888	Sept. 18, 1896	7.02	9.38
Rickard, William Raymond	Oct. 7, 1889	Dec. 31, 1897	8.49	9.47
Ringler, William Frederick	March 8, 1889	Nov. 14, 1898	.....	.....
Rogers, John Carl	March 1, 1889	Dec. 30, 1898	.....	.....
Rosewarne, Norman	April 22, 1889	Sept. 7, 1897	8.81	9.82
Rowe, Edward Griffiths	Jan. 12, 1891	Dec. 30, 1898	.....	.....
Royal, William Sylvia	Aug. 24, 1889	Dec. 31, 1897	8.32	8.47
Rupert, Flemuel Trumeu	Sept. 24, 1888	June 15, 1898	.....	.....
Rupert, Henry Bell	Dec. 29, 1889	June 15, 1898	.....	.....
Russell, Joseph	Sept. 14, 1888	Sept. 7, 1897	7.96	9.70
Ruth, Charles Henry	Jan. 13, 1890	June 1, 1898	.....	.....
Santman, John	Dec. 12, 1889	Dec. 31, 1897	6.54	9.12
Schaffer, Lester	Aug. 4, 1888	June 22, 1898	.....	.....
Scheese, Walter A.	Dec. 9, 1886	Dec. 31, 1895	7.19	8.89
Scheetz, Clarence Roger Davis	Jan. 7, 1889	Dec. 30, 1898	.....	.....
Schimpf, Paul	June 23, 1890	June 1, 1898	.....	.....
Schleider, Emil George	Jan. 3, 1890	June 1, 1898	.....	.....
Schoellkopf, Howard	Dec. 18, 1887	June 17, 1896	6.32	7.69
Schofield, Isaac Bierly	Sept. 15, 1890	Sept. 30, 1893	.....	.....
Schrandt, William Frederick	Jan. 23, 1890	June 1, 1898	.....	.....
Schwartz, Elias Edward	Feb. 24, 1888	Dec. 31, 1897	9.02	9.90
Schwartz, Harry August	Dec. 5, 1889	Dec. 31, 1897	6.66	9.90
Sechrist, Raymond	July 29, 1888	Sept. 18, 1896	6.40	8.25
Seith, Frederick Geiter William	May 20, 1890	June 20, 1898	.....	.....
Seitz, Julius	March 20, 1890	March 11, 1898	5.92	9.27
Sellers, William Wallace	July 2, 1889	Sept. 6, 1897	8.50	9.54
Seward, George Washington	March 31, 1888	Jan. 11, 1898	7.90	9.86
Shallcross, Dewees Haines	Jan. 3, 1889	Jan. 20, 1898	6.55	9.27
Shannon, David Johnson	March 23, 1890	Dec. 31, 1897	7.81	9.27
Shaw, William Jacoby	Sept. 12, 1890	June 1, 1898	.....	.....

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 181

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Shaw, William John	April 16, 1889	Sept. 7, 1897	8.56	9.72
Sheetz, John Williar	Oct. 29, 1888	Sept. 30, 1898	.....	.....
Shelley, Joseph Josiah	Sept. 30, 1887	Dec. 30, 1896	7.04	9.12
Shenk, Ralph	April 19, 1890	June 1, 1898	.....	.....
Shupp, David Antrim	Aug. 18, 1888	Dec. 31, 1897	7.02	9.16
Sigel, Robert Glenn	Oct. 23, 1889	Jan. 18, 1898	7.07	9.88
Simcox, John	Oct. 24, 1890	Dec. 30, 1896	7.51	9.63
Simcox, Robert	July 8, 1889	Dec. 31, 1895	7.06	8.49
Singer, Carl William	June 18, 1890	June 1, 1898	.....	.....
Singer, Chas. Wm. Frederick	April 16, 1889	Sept. 6, 1897	9.15	9.10
Sisco, Charles Wilmer	Oct. 4, 1887	Dec. 29, 1893	6.75	7.39
Sisco, George Henry	March 14, 1891	Sept. 6, 1897	7.19	9.04
Sly, James Johnson	Oct. 22, 1889	Dec. 30, 1896	6.97	9.15
Smith, Earl Emmett	Aug. 10, 1889	Jan. 20, 1898	6.60	9.51
Smith, Herbert	June 16, 1890	June 1, 1898	.....	.....
Smith, Howard Taylor	March 18, 1889	Dec. 31, 1897	6.97	9.20
Smith, Sanford Warren	Oct. 26, 1889	Dec. 31, 1897	6.99	9.74
Snape, Ormonde Barnes	Feb. 27, 1889	June 24, 1898	.....	.....
Snyder, Francis Lewis	Jan. 21, 1889	June 1, 1898	.....	.....
Snyder, James Howard	Jan. 17, 1887	Sept. 27, 1894	5.64	7.79
Sowers, William	April 20, 1889	Dec. 31, 1897	8.01	8.20
Spengler, Edward Firestone	Jan. 12, 1889	June 1, 1898	.....	.....
Spiece, Carl Frederick	Nov. 30, 1890	Dec. 30, 1898	.....	.....
Steinberger, John Valentine	Feb. 14, 1890	Dec. 31, 1897	7.41	9.74
Steinmetz, Elmer Herr	Nov. 25, 1888	Jan. 28, 1897	6.33	9.31
Stevenson, William Howard	April 18, 1889	June 1, 1898	.....	.....
Stewart, Earl Campbell	Aug. 20, 1889	Dec. 30, 1898	.....	.....
Stone, Raymond Joseph	Oct. 7, 1890	Oct. 3, 1898	.....	.....
Stouffer, Willard Leroy	June 22, 1888	Dec. 30, 1896	6.97	8.08
Stranaghan, Albert	Feb. 24, 1891	Dec. 30, 1898	.....	.....
Stuart, George Wallace	Oct. 26, 1889	Dec. 30, 1898	.....	.....
Stutz, Louis	April 27, 1890	June 1, 1898	.....	.....
Supper, Otto Joseph	Aug. 28, 1890	June 17, 1898	.....	.....
Swingle, Frederick Arthur	Sept. 21, 1888	Sept. 7, 1897	8.58	9.85
Taggart, W. B. Harrison	Dec. 10, 1887	May 31, 1895	6.89	8.92
Taney, William Randall	July 22, 1887	Dec. 30, 1896	5.23	8.15
Teets, John Alfred	Aug. 17, 1888	Jan. 11, 1898	8.93	9.39
Tillotson, Frank	Sept. 23, 1887	Jan. 7, 1896	6.77	8.39
Todd, Frederick	Sept. 20, 1889	Dec. 30, 1898	.....	.....
Treaster, William Samuel	Oct. 28, 1888	June 1, 1898	.....	.....
Truempy, George Stanley	Jan. 30, 1890	Sept. 30, 1898	.....	.....
Truempy, John Daniel	Oct. 20, 1887	May 31, 1895	6.42	9.18
Umholtz, Chas. Morgan	Aug. 11, 1889	Jan. 6, 1898	6.68	9.77
Umholtz, William Harrison	Aug. 11, 1889	Jan. 6, 1898	7.14	9.88
Vance, Howard LeRoy	Nov. 25, 1890	Dec. 30, 1898	.....	.....
Vanderhylen, Gustavus Const.	Sept. 5, 1888	Sept. 6, 1897	7.87	9.27
Verity, Harold Riggall	Feb. 10, 1889	Dec. 30, 1896	6.93	8.14
Voigt, Charles Wm. Ferd.	Nov. 8, 1889	Dec. 30, 1896	6.62	8.94
Wagner, Robert James	April 20, 1891	Sept. 6, 1897	8.18	8.81



## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Wakeman, Earle Arthur	June 9, 1888	June 1, 1898	.....	.....
Walgran, Charles Oscar	Oct. 10, 1888	June 1, 1898	.....	.....
Walker, Charles Henry	Oct. 27, 1889	June 1, 1898	.....	.....
Wallington, Albert Raymond	May 15, 1889	June 1, 1898	.....	.....
Warneke, Edward Albert	June 27, 1889	Sept. 6, 1897	6.96	9.39
Washingier, Charles Parker	Jan. 18, 1888	Dec. 30, 1896	7.72	9.64
Watts, James Willson	April 29, 1888	Dec. 31, 1897	7.88	9.08
Weaver, Donald Lamison	May 25, 1890	Sept. 30, 1898	.....	.....
Weiss, Isaac	Jan. 13, 1891	Dec. 30, 1898	.....	.....
Welker, Samuel Jacob	Dec. 5, 1888	Sept. 11, 1897	7.17	8.50
Wenrick, Edward Rankin	Dec. 17, 1888	June 1, 1898	.....	.....
Wenrick, Walter Brokaw	Sept. 15, 1890	June 1, 1898	.....	.....
Werner, Frank Andrew	Dec. 5, 1889	Dec. 31, 1897	6.47	9.74
Weyman, Elmer	Sept. 8, 1888	Sept. 7, 1897	7.46	9.76
Whalen, George Philip	Dec. 14, 1889	June 1, 1898	.....	.....
Whiskeyman, Charles David	Jan. 27, 1888	Sept. 7, 1897	7.82	9.30
Whiteley, James Herbert	March 25, 1889	Sept. 6, 1897	7.70	7.84
Whiteley, Thomas Frederick	Nov. 16, 1888	June 1, 1898	.....	.....
Wiegand, John Conard	April 23, 1889	Sept. 6, 1897	8.26	9.23
Williams, Charles	June 2, 1889	June 1, 1898	.....	.....
Williams, Maurice	Dec. 16, 1889	Dec. 30, 1898	.....	.....
Willis, Thomas John	May 27, 1889	Feb. 11, 1898	5.28	8.68
Wills, Walter	June 2, 1889	June 1, 1898	.....	.....
Wilmer, Ervin Brant	Feb. 3, 1891	Dec. 30, 1898	.....	.....
Wilson, Horace Warren	Jan. 31, 1890	Dec. 31, 1897	7.35	10.00
Wilson, James Edson	Feb. 6, 1889	Dec. 30, 1896	6.52	9.48
Wintersteen, Edward Elmer	Aug. 26, 1888	June 1, 1898	.....	.....
Wittmer, Austin Arthur	March 3, 1890	June 1, 1898	.....	.....
Wolfson, Kalma	Feb. 14, 1890	Oct. 4, 1898	.....	.....
Woodside, Frank Stanley	Nov. 1, 1889	June 1, 1898	.....	.....
Wright, Granville Randolph	Nov. 22, 1889	June 1, 1898	.....	.....
Wunderlich, Charles Franklin	Dec. 1, 1889	Dec. 31, 1897	7.32	8.66
Zimmerman, Claude M.	Oct. 1, 1890	Nov. 15, 1898	.....	.....

## SUMMARY.

FOURTH FORM.....	167
THIRD ".....	419
SECOND ".....	482
FIRST ".....	470
<b>TOTAL.....</b>	<b>1538</b>

## APPENDIX E.

### REPORT OF THE SUPERINTENDENT OF ADMISSION AND INDENTURES, GIRARD COLLEGE.

PHILADELPHIA, December 31, 1898.

*To the Committee on Admission, Discipline and Discharge.*

GENTLEMEN:—I herewith submit a summary of my journal during the year 1898:

Pupils admitted.....	258
Pupils dismissed :	
College indentures cancelled	
To accept positions.....	218
For mental incapacity.....	3
For malconduct.....	7
On mother's plea of ability to support...	5
Given up to guardian.....	1
To enter State Hospital for the Insane,	
Norristown, Pa. ....	1
	<hr/> 235
Bound out.....	1
Eighteen years of age.....	12
	<hr/> 13
Died.....	8
	<hr/>
Total .....	256
	<hr/>
	183

A very interesting feature connected with the events of the past year was the enlistment of so large a number of former pupils in the Army and Navy of the United States.

So far as we have been able to obtain information, there were enlisted in the

Army .....	147
Navy.....	14
Twentieth Regiment Provisional National	
Guard.....	133
	<u>294</u>

In addition to this number about one hundred (100) were enrolled as members of an organization to be called the Girard College Regiment, and about twenty others would have enlisted if they had not been debarred by physical disabilities of stature, sight, etc. Taking the country over, it is safe to estimate that about fifteen (15) per cent. of the Alumni between the ages of eighteen (18) and forty-five (45) years were, directly or indirectly, represented in the late war with Spain.

A report of all pupils who were honorably discharged from the College during the years

1893.....	108
1894.....	373
1895.....	166
1896.....	145
1897.....	169
	<u>961</u>

in number, is as follows:

Employed, report favorable .....	761
“ “ fair.....	9
“ “ unfavorable.....	6
	<u>776</u>
<i>Carried forward</i> .....	<u>776</u>

<i>Brought forward</i> .....	776
Unemployed, report favorable.....	97
"        "    fair.....	2
"        "    unfavorable.....	8
	— 107
In other institutions.....	5
Died.....	20
No report.....	53
	<u>961</u>

The various occupations are as follows :

Baker.....	7	<i>Brought forward</i> .....	66
Barber.....	3	Chore boy.....	4
Blacksmith.....	3	Cigar-maker.....	4
Blanket factory.....	1	Cleaner (car).....	1
Boiler-mounter.....	1	"    (engine).....	1
Bolt works.....	4	"    (motor).....	1
Bookbinder.....	3	Clerk or bookkeeper.....	201
Box factory.....	8	Coachman.....	1
Brass finisher.....	1	Coffee-roaster.....	1
Bricklayer.....	1	Collector.....	1
Brickmaker.....	1	Colliery.....	3
Butcher.....	4	Color-maker.....	1
Cabinet-maker.....	1	Comb factory.....	1
Candy factory.....	6	Conductor.....	3
Carder.....	2	Conveyancer.....	1
Carpenter (house).....	6	Cutter (cloth).....	1
"    (ship).....	1	"    (paper-box).....	1
Carriage-builder.....	1	"    (rubber).....	1
Car shops.....	1	"    (shoe).....	1
Cashier.....	3	"    (stone).....	2
Cement works.....	1	Dental supplies factory.....	6
Chemical laboratory.....	5	Draughtsman.....	6
Chemist.....	1	Driver.....	14
Chocolate factory.....	1	Druggist.....	6
<i>Carried forward</i> .....	66	<i>Carried forward</i> .....	328

<i>Brought forward</i> .....	328	<i>Brought forward</i> .....	430
Dyer.....	2	Lithographer.....	3
Electrician.....	6	Litholine factory.....	1
Electro-plater.....	1	Machinist.....	33
Elevator boy.....	2	“ (electrical).....	3
Embosser.....	1	Manager.....	2
Enameller.....	1	Messenger.....	4
Engineering (civil).....	1	Metal-spinner.....	2
Engineer (stationary).....	2	Meter factory.....	3
Engraver.....	3	Milkman.....	8
Errand boy.....	8	Mill boy.....	9
Express Company.....	2	Miner.....	2
Farmer.....	23	Moulder.....	4
File factory.....	1	Musician.....	2
Finisher (cloth).....	3	Necktie factory.....	1
“ (iron-work).....	1	Novelty works.....	1
Fireman.....	4	Office boy.....	10
Fitter up (ship).....	1	Oil-cloth factory.....	1
Foreman (assistant).....	1	Optician.....	1
Furniture factory.....	1	Overseer.....	1
Gardener.....	1	Packer.....	1
Glass factory.....	2	Painter (carriage).....	3
Grocer.....	6	“ (house).....	4
Hardware manufactory.....	2	Paper-hanger.....	7
Harness maker.....	2	Paper-maker.....	1
Hat factory.....	3	Pattern-maker.....	2
Hosiery mill.....	5	Paver (cement).....	1
Ice wagon.....	2	Plumber.....	10
Instrument-maker (elec.)...	1	Polisher.....	1
Interpreter.....	1	Porter.....	1
Iron-worker.....	3	Printer.....	19
Jannner.....	1	“ (plate).....	2
Leather factory.....	7	Produce merchant.....	2
Lineman (telegraph).....	1	Reporter.....	3
Linotypist.....	1	Restaurant.....	7
<i>Carried forward</i> .....	430	<i>Carried forward</i> .....	585

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX E. 187

<i>Brought forward</i> .....	585	<i>Brought forward</i> ..	696
Salesman.....	26	Student (medicine).....	1
Saw factory.....	1	“ (school).....	8
Scales manufactory.....	1	Surveyor.....	2
Secretary.....	1	Tailor.....	1
Sewing-machine repairer....	1	Telegraph-operator.....	3
Sheet-iron worker.....	1	Telephone- “ .....	1
Ship-joiner.....	2	Tin factory.....	1
Shipper.....	4	Tinsmith.....	3
Shirt manufactory.....	1	Tobacconist.....	1
Shoe factory.....	6	Trimmer.....	2
Silk mill.... ..	2	Umbrella factory.....	1
Silversmith.....	1	Undertaker.....	1
Spike factory.....	1	U. S. Army.....	24
Spinner.....	1	U. S. Hospital Corps.....	1
Sponger (cloth).....	1	U. S. Navy.....	6
Stenographer.....	35	Upholsterer.....	3
Steward.....	1	Wagon boy.....	3
Stock-keeper.....	5	Watch-case factory.....	3
Store boy.....	14	Weaver.....	7
Student (business college)..	2	Wheel factory.....	1
“ (civil engineer'g)..	1	Williamson School.....	3
“ (college).....	1	Wood-worker.....	1
“ (divinity).....	1	Wrapper.....	3
“ (law).....	1		<u>776</u>
<i>Carried forward</i> .....	696		

Very respectfully yours,

JOHN S. BOYD,

*Superintendent of Admission and Indentures.*



## APPENDIX F.

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# WILLS HOSPITAL AND MINOR TRUSTS.

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Superintendent,  
GEORGE E. KIRKPATRICK,  
Stephen Girard Building, Philadelphia.

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### WILLS HOSPITAL.

(For list of officers of the Wills Hospital, see Appendix G.)

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### MARY SHIELDS ALMSHOUSE FUND.

W. H. WALLACE, M.D., *Visiting Physician*,  
103 North Thirty-fifth Street, Philadelphia.

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### BOUDINOT ESTATE, CENTRE COUNTY.

GEORGE R. BOAK, *Agent*,  
Pine Glen, Centre Co., Pa.



# WILLS HOSPITAL AND MINOR TRUSTS.

## SUPERINTENDENT'S REPORT FOR 1898.

*To the Board of Directors of City Trusts.*

GENTLEMEN:—At this date the number of separate funds under the care of your Committee on Wills Hospital and Minor Trusts remains as reported one year ago,—thirty-five. Their aggregate capital is now \$1,263,464.13, of which sum \$1,257,285.38 is invested in real estate, stocks and bonds, the remainder, \$6,178.75, being cash awaiting investment.

The total income collected during the

year was.....	\$51,169 19	
Receipts from legacies, donations, etc....	450 00	
Principal of investments collected.....	39,679 77	
and the cash balance, January 1, 1898.....	44,689 87	
		<u>\$135,988 83</u>

which has been expended for

Maintenance of Wills Hospital.....	\$16,617 95	
Relief of the sick and insane poor at the		
Almshouse .....	3,310 78	
Fuel distributed to the poor.....	9,880 32	
Food distributed to the poor .....	924 50	
Books for the public schools and the		
House of Correction, and annuity to		
Southwark Library Company.....	1,183 59	
Medals and premiums awarded to in-		
ventors and to graduates of the public		
schools .....	1,042 44	
Simon Muhr.Scholarships.....	1,565 00	
<i>Carried forward.....</i>	<u>\$34,524 58</u>	<u>\$135,988 83</u>

<i>Brought forward</i> .....	\$34,524 58	\$135,988 83
Taxes, repairs, and other expenses of real estate.....	2,242 67	
Miscellaneous expenses.....	691 23	
Premiums and expenses of investment.....	2,489 47	
Investments .....	67,329 85	107,277 80
<i>Cash balance, December 31, 1898</i> .....		<u>\$28,711 03</u>

At the WILLS HOSPITAL 13,203 patients were admitted for treatment, 616 in the wards and 12,587 in the clinics. The average number of patients supported in the wards was 43.

The only legacy received during the year was \$450.00, the fifth instalment from the estate of George S. Pepper.

The following gifts were also received :

George Stang.....28 beef tongues.

George W. Killian..... 2 turkeys.

John Rubison..... 1 cake.

H. C. Boden & Co.....16 quarts ice cream,  
10 pounds fancy cake.

Holy Trinity Flower Mission.....Cut flowers every Friday.

Dr. Edward Jackson, Attending Surgeon of the Wills Hospital, resigned that office on May 9, 1898. Dr. Jackson was appointed on the Hospital Staff on October 8, 1890, and served with marked ability and fidelity. The vacancy caused by his resignation was filled by the appointment of Dr. P. N. K. Schwenk who for many years had been Assistant Surgeon.

Vacancies in the Staff of Assistant Surgeons caused by the advancement of Dr. Schwenk and by the resignations of Drs. S. P. Eagleton, John T. Carpenter, Jr., and Francis Rudderow were filled by the appointments of Drs. McCluney Radcliffe, John T. Krall, James Thorington and Walter L. Pyle respectively. The term of office of Dr. Theodore B. Schneideman, Assistant Surgeon under Dr. Jackson, was closed by the resignation of the latter and Dr. T. E. Conard was appointed Assistant Surgeon to serve under Dr. P. N. K. Schwenk.

Prior to May last, the prescriptions for spectacles and glasses issued by the surgeons at the Wills Hospital, were given to the patients to have them filled by any optician to whom they should choose to take them, who as a rule charged for such service the regular retail prices. The volume of the business of this nature coming from the Hospital being so great as to make it feasible if this were concentrated, to obtain very much reduced prices; it was deemed best to so concentrate the business and save to the patients of the Hospital, the difference in the cost. Proposals were accordingly invited and the contract awarded to Messrs. H. C. Boden and Company, with results that are eminently satisfactory to the Hospital and to its patients.

Further details of the work at the Wills Hospital will be found in *Appendix G*.

The net income of the JOHN BLEAKLEY YELLOW FEVER FUND amounted to \$685.75, and has been applied towards the maintenance of the Wills Hospital.

From the income of the MARY SHIELDS ALMSHOUSE FUND, \$3,310.78 has been expended in the usual manner to "relieve and make more comfortable the sick and insane poor at the Alms-house."

For the double purpose of affording employment to a number of the insane patients and of furnishing more comfortable beds for use in the Insane Department and in the General Hospital at Blockley, a portion of the income of this fund has been expended in the purchase of materials, and a disused kitchen in the Institution has been fitted up as a workshop in which mattresses may be manufactured by the patients. The results are reported to well justify the expenditure.

Of the income of the JULIANA H. GOOD FUND, \$185 has been expended in the purchase of 411 additional books for the library of the House of Correction, and \$691.59 has been expended from the income of the STEPHEN GIRARD SCHOOL FUND in the purchase of 845 volumes for the libraries of public schools within the district prescribed by Mr. Girard. These books were distributed as follows:

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX F. 193

Northeast Grammar School.....	116 volumes,	\$101 00
Locust Street Grammar School.....	125 “	101 00
Northwest Grammar School.....	244 “	187 00
Keystone Grammar School.....	126 “	101 00
Horace Binney Grammar School....	113 “	100 68
U. S. Grant School.....	121 “	100 91
	<u>845</u>	<u>\$691 59</u>

No scholarships under the SIMON MUHR LEGACY were awarded during the year, the income available not being sufficient to admit of any increase in the present number—four. These are held by:

Harold H. Tryon.....University of Pennsylvania.  
 Corinne Sickel.....Bryn Mawr College.  
 DeWitt D. Barlow.....University of Pennsylvania.  
 Hannah T. Rowley.....Bryn Mawr College.

The JOHN SCOTT MEDALS AND PREMIUMS have been awarded, upon the recommendation of the Franklin Institute, to

Lieutenant B. W. Dunn, of Philadelphia, for his “Testing Machine for Measuring Intensities of Impulsive Forces.”  
 Herman C. Müller, Zanesville, Ohio, for his “Process of and Apparatus for Manufacturing Mosaics, etc.”  
 André Blondel & Spiridion Psaroudaki, of Paris, France, for their “Holophane Globes.”  
 Daniel M. Cooper, of Rochester, N. Y., for his “Time Recorder.”  
 Edward A. Uehling & Alfred Steinbart, of Newark, N. Y., for their “Pneumatic Pyrometer.”  
 Herman Willmunder, of Philadelphia, for his “Swivel Loom.”  
 John W. Hyatt, of Newark, N. J., for his “Elastic Spiral Anti-friction Roller.”  
 Melvin L. Severy, of Arlington Heights, Mass., for his “Impression Process.”  
 Henry Lyman Sayen, of Philadelphia, for his “Improvement in Röntgen Ray Tubes.”

Frederick N. Connet & Walter W. Jackson, of Providence, R. I., for their "Registering Apparatus."

In 1872, Dr. R. J. Dodd, Medical Director in the United States Navy, donated to the City of Philadelphia in trust, in the name of Hannah Matilda Dodd, the sum of One Thousand Dollars, "the interest arising therefrom to procure gold and silver medals to be presented to the most distinguished graduates of the Girls' High School." At that date, the Girls High School was also the Normal School. Since that time, however, the Normal School has become a separate institution carried on in a separate building and entirely distinct in management, while the High School has remained in the older building at Seventeenth and Spring Garden Streets. Recently this latter school has been subdivided into three departments with separate and distinct courses of study—a General, a Classical, and a Commercial Course.

When the Normal School became a separate institution, it was not difficult to determine that the Dodd Medals should be awarded in the High and not in the Normal School—the wording in the letter of Dr. Dodd clearly indicating the intention of the donor with respect to this; but when the High School was divided into the three departments named above—each distinct yet each a part of the Girls High School, it was not so easy to determine in which department the medal should be awarded—there being no good reason for limiting the award to any one of the three departments and no practical way to determine which of the three young ladies who attained the first rank in the three departments, should be the recipient of the gold medal, which of the silver medal and which should receive no medal at all; it being the custom therefore to spend the annual income of about Forty-four Dollars in the procuring of one gold medal, at a cost of approximately Forty-two Dollars and one silver medal with the balance of the income.

To meet the requirements under these changed conditions, it has been determined to award three gold and three silver medals annually—one of each in each department and to reduce the size of the

medals sufficiently to bring their total cost within the income of the fund.

This course was pursued in making the awards at the Commencement of June 15, 1898, when gold medals were awarded to

Miss Alice E. McQueen.....in the General Department,

Miss Beulah Brylawshi.....in the Classical Department,

Miss Nelly Wachholz.....in the Commercial Department,

and the silver medals to

Miss Mary H. Geisler.....in the General Department,

Miss Virginia White Willits...in the Classical Department,

Miss Edna Earl Schadel.....in the Commercial Department.

No loans have been made during the year from the funds provided by DR. BENJAMIN FRANKLIN and MR. JOHN SCOTT.

The assets of the BENJAMIN FRANKLIN FUND now amount to \$125,045.24, of which \$95,454.38 is applicable to the erection of the proposed Art Gallery in Fairmount Park.

Under the terms of the wills creating the various FUEL FUNDS, 2192 tons of coal have been distributed, at a cost to the trust funds of \$9,880.32, as follows :

Fund.	Tons.	Cost.
George Emlen.....	74½	\$359 83
City .....	72	339 12
James Dutton.....	54	260 82
Elias Boudinot.....	198	574 20
Stephen Girard.....	103	485 13
Esther Waters.....	96½	454 52
Paul Beck .....	104	489 85
Spring Garden.....	37½	181 13
Thomas D. Grover.....	1,148	5,269 32
J. J. Snyder.....	116	560 28
F. A. Sheaff.....	24½	118 34
Mary Shields.....	84½	403 79
Seybert .....	79½	383 99
Total .....	2,192	\$9,880 32

The annuity of \$300, devised by MR. THOMAS D. GROVER to the Southwark Library Company, has been paid.

With reference to the BOUDINOT ESTATE, in Centre County, there is at this time nothing of special interest to report, except that during the past year we have been successful in our effort to prevent the encroachment of forest fire upon the property.

The incomes of the PAUL BECK SOUP FUND, the ANDREW R. CHAMBERS FUND, and the SAMUEL SCOTTEN FUND, and the specific bequest provided in the will of THOMAS D. GROVER, have been distributed to the various Soup Societies, as directed by the creators of the trusts. The sums received by the Societies were:

Central Soup Society.....	\$12 50
Northern Soup Society.....	12 50
Kensington Soup Society.....	12 50
Moyamensing Soup Society.....	12 50
Northwestern Soup Society.....	12 50
Spring Garden Soup Society.....	12 50
Southwark Soup Society.....	318 50
Western Soup Society.....	268 50
Philadelphia Soup Society.....	262 50
Total.....	<u>\$924 50</u>

The cost of the general management of the Minor Trusts has amounted in 1898 to \$1,016.36, .000816 upon the invested capital.

Statements showing the invested capital, cash receipts, and cash payments of each of the Minor Trusts, are appended hereto.

Very respectfully,

GEO. E. KIRKPATRICK,

*Supt. Minor City Trusts.*

PHILADELPHIA, December 31, 1898.

**DETAILED STATEMENT**  
**OF THE**  
**INVESTED CAPITAL**  
**AT PAR VALUES OF STOCKS AND LOANS,**  
**December 31, 1898,**  
**AND**  
**CASH RECEIPTS AND PAYMENTS**  
**DURING THE YEAR 1898,**  
**OF THE**  
**MINOR TRUSTS**  
**OF THE**  
**CITY OF PHILADELPHIA.**



## HOSPITALS.

## WILLS HOSPITAL.

Founded 1825.

Race Street, west of Eighteenth Street.

*"For the relief of the Indigent Blind and Lame;" where persons afflicted with the Diseases of the Eye and Limb will be treated free of charge, and, when requisite, admitted into the Hospital; preference being given, under the Will, to persons residing in Philadelphia and its neighborhood.*

## Invested Capital, December 31, 1898.

Hospital Grounds and Buildings.....	\$150,000 00
Philadelphia City 6 per cent. Loan.....	59,500 00
"    "    4    "    "    .....	35,150 00
"    "    3½    "    "    .....	24,200 00
Pittsburgh City 7 per cent. Loan.....	1,000 00
"    "    6    "    "    .....	2,300 00
Bonds and Mortgages.....	274,600 00
Ground Rents.....	2,950 00
	<u>\$549,700 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

## Income—

Interest Philadelphia City Loan.....	\$5,796 00
"    Pittsburgh City Loan.....	208 00
"    Bonds and Mortgages.....	12,482 29
"    Steward's Bank Account, Girard Trust Co.	3 43
Ground Rents.....	156 50
Sale of Sundries, at Hospital.....	102 55
Income of Yellow Fever Fund,—transferred.....	685 75
	<u>\$19,434 52</u>
<i>Amount carried forward .....</i>	<i>\$19,434 52</i>

HOSPITALS.

WILLS HOSPITAL.

<i>Amount brought forward.....</i>	\$19,434 52
<i>Legacies and Donations—</i>	
Estate of George S. Pepper.....	450 00
<i>Principal of Investments collected—</i>	
Bonds and Mortgages.....	7,000 00
<i>Cash Balance, January 1, 1898.....</i>	<u>4,760 58</u>
	\$31,645 10

PAYMENTS.

*Maintenance—*

Wages.....	\$4,884 42	
Subsistence.....	5,961 45	
Dry Goods.....	161 51	
Furniture.....	418 81	
Sundry House Expenses.....	2,841 35	
Library.....	20 50	
Medical Expenses.....	1,194 74	
Repairs.....	550 15	
Miscellaneous Expenses.....	<u>585 02</u>	
		\$16,617 95

*Investments—*

Philadelphia City Loan.....	900 00	
Bonds and Mortgages.....	<u>11,000 00</u>	
		11,900 00
Expenses of Investment.....		<u>83 13</u>
		28,601 08
<i>Cash Balance, December 31, 1898...</i>		<u><u>\$3,044 02</u></u>

**HOSPITALS.****JOHN BLEAKLEY FUND.****Created 1802.****(YELLOW FEVER FUND.)**

"To relieve those who may be reduced to the necessity of being placed  
"in the hospital during the existence of the yellow fever."

The Income of this Trust is transferred to the use of Wills Hospital, under  
certain restrictions, by Act of Assembly of Pennsylvania, approved April 16,  
1838.

**Invested Capital, December 31, 1898.**

Philadelphia City 6 per cent. Loan.....	\$10,050 00
" " 3½ " " .....	2,000 00
" " 3 " " .....	100 00
Pennsylvania Railroad Co. Stock.....8 Shares	400 00
	<u>\$12,550 00</u>

**Cash Receipts and Payments, January 1 to December 31, 1898.****RECEIPTS.**

Interest City Loan.....	\$676 00
Dividend Pennsylvania Railroad Co. Stock.....	20 00
	<u>\$696 00</u>

**PAYMENTS.**

Income transferred to Wills Hospital.....	\$685 75
Miscellaneous Expenses.....	10 25
	<u>696 00</u>

## HOSPITALS.

## MARY SHIELDS ALMSHOUSE FUND.

Created 1880.

"To relieve and make more comfortable the sick and insane poor at the  
"Almshouse in Philadelphia."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....		\$19,150 00
" " 4 " " .....		8,500 00
" " 3½ " " .....		4,800 00
" " 3 " " .....		2,700 00
Pittsburgh City 4 per cent. Loan.....		4,400 00
North Carolina State 6 per cent. Loan.....		1,000 00
United States 4 per cent. Loan.....		300 00
Girard National Bank Stock.....	10 Shares	400 00
Manufacturers' National Bank Stock.....	2 "	200 00
Commercial National Bank Stock.....	6 "	300 00
National State Bank of Camden Stock.....	7 "	350 00
Pennsylvania Railroad Co. Stock.....	123 "	6,150 00
North Penn'a Railroad Co. Stock.....	54 "	2,700 00
Lehigh Valley Railroad Co. Stock.....	53 "	2,650 00
Nesquehoning Valley Railroad Co. Stock...	33 "	1,650 00
Delaware and Bound Brook Railroad Co. Stock .....	8 "	800 00
Lehigh Coal and Navigation Co. Stock .....	9 "	450 00
Germantown Passenger Railway Co. Bond.....		1,000 00
Fredericksburg and Gordonsville Railroad Co. Bond..		1,000 00
Bonds and Mortgages.....		33,050 00
Ground Rent, 1338 N. Second Street.....		1,333 33
House and Lot, 1144 S. Sixteenth St.....		2,400 00
Lot of Ground, Edgemont St.....		500 00
		<u>\$95,783 33</u>

## HOSPITALS.

## MARY SHIELDS ALMSHOUSE FUND.

Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$1,666 00	
“ Pittsburgh City Loan.....	176 00	
“ United States Loan.....	12 00	
“ Germantown Passenger Railway Co. Bonds.....	23 00	
“ Bonds and Mortgages.....	1,452 58	
Dividend Girard National Bank Stock.....	40 00	
“ National State Bank of Camden Stock.....	32 22	
“ Manufacturers' National Bank Stock.....	10 00	
“ Pennsylvania Railroad Co. Stock.....	307 50	
“ North Penn'a Railroad Co. Stock.....	216 00	
“ Nesquehoning Valley Railroad Co. Stock.....	82 50	
“ Delaware and Bound Brook Railroad Co. Stock	64 00	
“ Lehigh Coal and Navigation Co. Stock.....	18 00	
Ground Rent.....	80 00	
Rent of Real Estate.....	220 75	
		\$4,400 55

*Principal of Investments collected—*

Philadelphia City Loan.....	50 00
Cash Balance, January 1, 1898.....	12,852 79

## PAYMENTS.

Salary of Visiting Physician.....	\$700 01	
Furniture, Pictures, etc.....	64 68	
Books, Games, Musical Instruments, etc.....	279 96	
Amusements.....	741 00	
Improvement of Diet.....	923 53	
Material for making Mattresses.....	601 60	
		\$3,310 78
Expenses of Real Estate.....	\$173 82	
Miscellaneous Expenses.....	78 31	
<i>Investments—</i>		252 13
Philadelphia City Loan.....	4,200 00	
Expenses of Investment.....	255 08	
		8,017 99
Cash Balance, December 31, 1898.....		\$9,285 35

## HOUSE OF CORRECTION AND ALMSHOUSE.

## WILLIAM CARTER FUND.

Created 1739.

Income "To and for y<sup>e</sup> use and Service of y<sup>e</sup> alms houses belonging to y<sup>e</sup>  
 "s<sup>d</sup> City (Philadelphia), and for y<sup>e</sup> relieve of y<sup>e</sup> poor people in the Same forever."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$350 00
" " 4 " " .....	50 00
" " 3½ " " .....	50 00
" " 3 " " .....	600 00
Ground Rent .....	74 00
	<u>\$1,124 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$32 76	
Ground Rent .....	4 44	
	<u>          </u>	\$37 20
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....		100 00
Premium on Bonds sold.....		50
<i>Cash Balance, January 1, 1898.....</i>		<u>599 79</u>
		\$737 49

## PAYMENTS.

Miscellaneous Expenses.....	\$0 83	
<i>Investments—</i>		
Philadelphia City Loan.....	700 00	
Premium and Expenses of Investment.....	9 43	
	<u>          </u>	710 26
<i>Cash Balance, December 31, 1898.....</i>		<u>\$27 23</u>

## HOUSE OF CORRECTION AND ALMSHOUSE.

## ANN ARMITT FUND.

Created 1797.

"To the Overseers of the poor or the Managers of the Bettering House."

## Invested Capital, December 31, 1898.

Ground Rent, S. E. cor. Fifth and Plum Streets.....	\$300 00
Philadelphia City 3½ per cent. Loan.....	100 00
" " 4 " " " .....	50 00
	<u>\$450 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Ground Rent.....	\$18 00	
Interest Philadelphia City Loan.....	3 50	
<i>Principal of Investments collected—</i>		\$21 50
Philadelphia City Loan.....		50 00
Premium on Bond sold.....		50
<i>Cash Balance, January 1, 1898.....</i>		<u>46 02</u>

## PAYMENTS.

Miscellaneous Expenses.....	\$0 32	\$118 02
<i>Investments—</i>		
Philadelphia City Loan.....	100 00	
Premium and Expenses of Investment.....	3 43	
		<u>103 75</u>
<i>Cash Balance, December 31, 1898.....</i>		<u>\$14 27</u>

## JULIANA H. GOOD FUND.

Created 1876.

"Toward the maintenance of a House of Correction in said City" (Philadelphia).

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$1,000 00
" " 4 " " " .....	900 00
" " 3½ " " " .....	100 00
" " 3 " " " .....	1,000 00
	<u>\$3,000 00</u>

## HOUSE OF CORRECTION AND ALMSHOUSE.

## JULIANA H. GOOD FUND.

Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$134 50	
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....	1,000 00	
Cash Balance, January 1, 1898.....	69 95	
	<u>          </u>	\$1,204 45

## PAYMENTS.

Library Books for House of Correction..	\$185 00	
Miscellaneous Expenses.....	2 45	
<i>Investments—</i>		\$187 45
Philadelphia City Loan.....	1,000 00	
Premium and Expenses of Investment....	10 00	
	<u>          </u>	1,197 45
Cash Balance, December 31, 1898.....		<u><u>\$7 00</u></u>

## SCHOOLS.

## ROBERTS SCHOOL FUND.

Created 1763.

"For a Public School for the Instruction of the Children & other Inhabitants of the said (Bristol) Township, & the Northern Liberty & Oxford Township, or any Meeting of the sd Township shall have Occasion as the said Trustees shall think fit Provided it dont interfere or interrupt the said School."

Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	<u>\$100 00</u>
---	-----------------

Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$6 00	
Cash Balance, January 1, 1898 .....	197 28	
	<u>          </u>	\$203 28

## PAYMENTS.

Miscellaneous Expenses.....	08	
Cash Balance, December 31, 1898.....	<u><u>\$203 20</u></u>	



## SCHOOLS.

## STEPHEN GIRARD SCHOOL FUND.

Created 1831.

"For the use of the schools upon the Lancaster system, in the first section  
"of the first school district of Pennsylvania."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$600 00
" " 4 " " .....	4,400 00
Bonds and Mortgages.....	5,000 00
	<u>\$10,000 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$212 00	
" Bonds and Mortgages.....	225 00	
		<u>\$437 00</u>
Cash Balance, January 1, 1898.....		566 44
		<u>\$1,003 44</u>

## PAYMENTS.

Library Books for Public Schools .....	\$691 59	
Card Cabinet.....	7 00	
Miscellaneous Expenses.....	8 17	
		<u>706 76</u>
Cash Balance, December 31, 1898... ..		\$296 68
		<u>== == =</u>

## SCHOOLS.

## RITTENHOUSE SCHOOL FUND.

Created 1839.

Income to be applied "to advance the education of the 'children of the 'vicinity' of the old Rittenhouse Academy" (Roxborough).

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$500 00
"    "    4    "    "    .....	1,000 00
"    "    3    "    "    .....	2,100 00
Pittsburgh City 4 per cent. Loan.....	200 00
	<u>\$3,800 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$122 00	
"    Pittsburgh City Loan.....	8 00	
	<u>          </u>	\$130 00
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....		725 00
<i>Cash Balance, January 1, 1898</i> .....		<u>2,440 58</u>
		\$3,295 58

## PAYMENTS.

Miscellaneous Expenses .....	\$3 64	
<i>Investments—</i>		
Philadelphia City Loan.....	1,700 00	
Premium and Expenses of Investment.....	<u>17 00</u>	
		1,720 64
<i>Cash Balance, December 31, 1898</i> .....		<u>\$1,574 94</u>

## SCHOOLS.

## SIMON MUHR SCHOLARSHIP FUND.

Created 1896.

"For the promotion of the welfare of children attending the Public Schools  
"of the City of Philadelphia."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$29,000 00
"    "    3    "    "    ".....	11,800 00
Bonds and Mortgages.....	12,000 00
	<u>\$52,800 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$2,217 00	
"    Mortgage Loans.....	364 25	
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....	8,200 00	
Premium on bonds sold.....	82 00	
Cash Balance, January 1, 1898.....	602 22	
		<u>\$11,465 47</u>

## PAYMENTS.

*Scholarships—*

Harold H. Tryon.....	\$400 00	
Corinne Sickel.....	365 00	
DeWitt D. Barlow.....	400 00	
Hannah T. Rowley.....	400 00	
Miscellaneous Expenses.....	43 02	
		<u>\$1,608 02</u>

*Investments—*

Bond and Mortgage.....	10,000 00	
Expenses of Investment.....	10 00	
	<u>10,010 00</u>	
		<u>11,618 02</u>
Cash Balance, December 31, 1898 (overdrawn).....		<u><u>\$152 55</u></u>

## MEDALS.

## JOHN SCOTT MEDAL FUND.

Created 1816.

Income to "be laid out in premiums to be distributed among ingenious  
"men and women who make useful inventions; . . . and along with  
"which shall be given a copper medal."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$15,100 00
"    "    4    "    "    .....	12,700 00
"    "    3½    "    "    .....	4,600 00
"    "    3    "    "    .....	9,400 00
Allegheny City 4 per cent. Loan.....	3,000 00
Allegheny County 5 per cent. Loan.....	1,000 00
Bonds and Mortgages.....	15,300 00
	<u>\$61,100 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$1,697 00	
"    Allegheny City Loan.....	120 00	
"    Allegheny County Loan.....	50 00	
"    Bonds and Mortgages.....	688 50	
	<u>\$2,555 50</u>	
Cash Balance, January 1, 1898.....		2,723 39
		<u>\$5,278 89</u>

## PAYMENTS.

Premiums paid to Inventors.....	\$200 00	
Advertising, Engraving Cases, etc.....	725 44	
Miscellaneous Expenses.....	46 60	
	<u>\$972 04</u>	
Investments—		
Philadelphia City Loan.....	4,000 00	
Premium and Expenses of Investments.....	135 58	
	<u>5,107 62</u>	
Cash Balance, December 31, 1898.....		<u>\$171 27</u>

## MEDALS.

**HANNAH MATILDA DODD FUND.**

Created 1872.

Income "to procure gold and silver medals to be presented to the most  
"distinguished graduates of the Girls' High School, with their name and year  
"of graduating engraved thereon."

Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan..... \$1,100 00

Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$66 00	
Cash Balance, January 1, 1898.....	234 95	
	<u>          </u>	\$300 95

## PAYMENTS.

Medals and Engraving.....	\$117 00	
Miscellaneous Expenses.....	89	
	<u>          </u>	117 89
Cash Balance, December 31, 1898.....		<u>\$183 06</u>

**OBADIAH WHEELOCK FUND.**

Created 1887.

Income "to be awarded semi-annually, forever in Cash (not to be consoli-  
"dated with any other prize), either in coin, or United States currency, to a  
"Meritorious Scholar of 'The Girls' Normal School of the City of Philadel-  
"phia.'"

Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$100 00
" " 4 " " .....	50 00
Deposit Philadelphia Saving Fund.....	40 00
	<u>\$190 00</u>

Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$8 00	
Cash Balance, January 1, 1898.....	26 89	
	<u>          </u>	\$34 89

## PAYMENTS.

Miscellaneous Expenses.....	16	
Cash Balance, December 31, 1898.....		<u>\$34 73</u>

**LOANS TO ARTIFICERS.  
BENJAMIN FRANKLIN FUND.**

Created 1790.

To be loaned to Young Married Artificers, under the age of thirty-five years, who have served an apprenticeship in Philadelphia, and faithfully fulfilled the duties required in their indentures, and who will furnish two satisfactory securities for the return of the money in ten annual instalments, with interest at 5 per cent.

At the expiration of one hundred years,  $\frac{1}{100}$  of the accumulated fund is to be expended "in Public Works which may be judged of most general utility to the Inhabitants, such as Fortifications, Bridges, Aqueducts, Public-Buildings, Baths, Pavements, or whatever may make living in the Town more convenient to its People and render it more agreeable to Strangers, resorting thither for Health or a temporary residence."

**Invested Capital, December 31, 1898.**

Philadelphia City 6 per cent. Loan.....	\$28,600 00
"    "    4    "    "    .....	14,600 00
"    "    3½    "    "    .....	8,900 00
"    "    3    "    "    .....	15,400 00
Pittsburgh City 5 per cent. Loan.....	2,000 00
"    "    4    "    "    .....	1,800 00
Bonds and Mortgages.....	53,000 00
Loans to Young Married Artificers.....	180 00
	<u>\$124,480 00</u>

**Cash Receipts and Payments, January 1 to December 31, 1898.**

RECEIPTS.

Interest Philadelphia City Loan.....	\$2,549 50
"    Pittsburgh    "    "    .....	172 00
"    Bonds and Mortgages.....	2,448 50
	<u>\$5,170 00</u>
<i>Principal of Investments collected—</i>	
Repayment Loans to Artificers.....	4 77
Bond and Mortgage.....	2,000 00
Premium on Bonds Purchased, Returned.....	58 86
Cash Balance, January 1, 1898.....	5,663 49
	<u>\$12,897 12</u>

PAYMENTS.

Miscellaneous Expenses.....	\$93 93
<i>Investments—</i>	
Philadelphia City Loan.....	11,400 00
Premium and Expenses of Investment.....	837 95
	<u>12,331 88</u>
Cash Balance, December 31, 1898.....	<u>\$565 24</u>

## LOANS TO ARTIFICERS.

## JOHN SCOTT LOAN FUND.

Created 1816.

To be applied to the same purposes as the legacy of Dr. Benjamin Franklin.

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$6,650 00
“ “ 4 “ “ .....	5,700 00
“ “ 3½ “ “ .....	2,000 00
“ “ 3 “ “ .....	4,500 00
Pittsburgh City 4 “ “ .....	4,000 00
Allegheny County 4 “ “ .....	1,000 00
Bonds and Mortgages.....	4,900 00
Loans to Young Married Artificers.....	180 00
	<u>\$28,930 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$757 00	
“ Pittsburgh “ “ .....	160 00	
“ Allegheny County “ .....	40 00	
“ Bonds and Mortgages.....	246 57	
	<u></u>	\$1,203 57
<i>Principal of Investments Collected—</i>		
Bond and Mortgage. ....		1,000 00
Cash Balance, January 1, 1898 .....		1,972 92
		<u>\$4,176 49</u>

## PAYMENTS.

Miscellaneous Expenses.....	\$21 10	
<i>Investments—</i>		
Philadelphia City Loan.....	3,950 00	
Premium and Expenses of Investment.....	182 57	
	<u></u>	4,153 67
Cash Balance, December 31, 1898.....		<u>\$22 82</u>

## FUEL AND FOOD.

## CITY FUEL FUND.

Created 1793-1809.

Consists of the following five funds consolidated :

The Freemasons' Fund.....	1793
Mr. Rickett's Donation.....	1793-1796
The Mayor's Court Fund .....	1796-1809
Elizabeth Kearkpatrick's Legacy. ....	1801
John Bleakley's Legacy.....	1802

Income to be distributed in Fuel among the Poor of the Old City of Philadelphia. (E. Kearkpatrick's being without distinction of person or color.)

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$5,000 00
“ “ 3 “ “ .....	1,700 00
	<u>\$6,700 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$351 00	
Cash Balance, January 1, 1898.....	366 80	
	<u>          </u>	\$717 80

## PAYMENTS.

Fuel.....	\$339 12	
Miscellaneous Expenses.....	7 72	
	<u>          </u>	346 84
Cash Balance, December 31, 1898.....		<u>\$370 96</u>



## FUEL AND FOOD.

## ARCHIBALD THOMSON FUND.

**Created 1799.**

Income to purchase Bread "for the Support of the poor of the City of  
"Philadelphia."

**Invested Capital, December 31, 1898.**

Philadelphia City 6 per cent. Loan (taxable).....	\$2,500 00
“ “ 6 “ “ (free).....	500 00
“ “ 4 “ “ .....	1,500 00
“ “ 3½ “ “ .....	200 00
“ “ 3 “ “ .....	700 00
Pittsburgh City 4 “ “ .....	100 00
Ground Rent, N. E. cor. Second and Spruce Streets.....	141 67
	<hr/> \$5,641 67

**Cash Receipts and Payments, January 1 to December 31, 1898.**

## RECEIPTS.

Interest Philadelphia City Loan.....	\$254 50
“ Pittsburgh “ “ .....	4 00
Ground Rent.....	20 06
	<hr/> \$278 56

*Principal of Investments collected—*

Philadelphia City Loan.....	200 00
<i>Cash Balance, January 1, 1898</i> .....	1,166 08
	<hr/>
	\$1,644 64

### PAYMENTS.

Miscellaneous Expenses.....	\$4 60	
<i>Investments—</i>		
Philadelphia City Loan.....	500 00	
Premiums and Expenses of Investment.....	5 00	
	<hr/>	509 60
<i>Cash Balance, December 31, 1898.....</i>		<hr/> \$1,135 04

## FUEL AND FOOD.

## SAMUEL SCOTTEN FUND.

Created 1810.

To "deliver to the poor of the said City (Philadelphia) and of Southwark  
"twelve dollars worth of bread," annually.

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Ground Rent .....	\$19 00	
Principal of Ground-Rent returned.....	400 00	
<i>Cash Balance, January 1, 1898.....</i>	<i>11 94</i>	
		\$430 94

## PAYMENTS.

Southwark Soup Society (for bread).....	6 00	
Western " " " .....	6 00	
Miscellaneous Expenses.....	17	
		12 17
<i>Cash Balance, December 31, 1898.....</i>		<i>\$418 77</i>

## JAMES DUTTON FUND.

Created 1813.

Income to be expended "in the purchase of Food Cloathing and Firewood  
"Fuel," to be distributed "to and amongst the poor of the Township of the  
"Northern Liberties only."

## Invested Capital, December 31, 1898.

Philadelphia City 4 per cent. Loan.....	\$2,600 00
Ground Rents.....	2,500 00
	\$5,100 00

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$104 00	
Ground Rents.....	150 00	
		\$254 00
<i>Cash Balance, January 1, 1898.....</i>		<i>281 86</i>

## PAYMENTS.

Fuel .....	\$260 82	
Miscellaneous Expenses.....	6 41	
		267 23
<i>Cash Balance, December 31, 1898.....</i>		<i>\$268 63</i>

**FUEL AND FOOD.**  
**ELIAS BOUDINOT FUND.**

Created 1821.

Income "for the Supplying the poor inhabitants of the City and liberties of Philadelphia with the Householders (not able to provide it for themselves) at a price during the winter Season, not in any case exceeding the moderate average price of Wood during the preceding Summer; (and that in Small quantities) with fuel of such kind and Sorts as to the s<sup>d</sup> Mayor & Corporation may Seem more likely to answer the purposes a<sup>d</sup>."

**Invested Capital, December 31, 1898.**

Real Estate in Centre County, Assessed Value.....	\$11,865 00
Philadelphia City 6 per cent. Loan.....	4,300 00
"    "    4    "    "    .....	4,150 00
"    "    3½    "    "    .....	5,000 00
"    "    3    "    "    .....	3,900 00
Pittsburgh City 4    "    "    .....	3,500 00
Bonds and Mortgages.....	4,300 00
	<u>\$37,015 00</u>

**Cash Receipts and Payments, January 1 to December 31, 1898.**

RECEIPTS.

Interest Philadelphia City Loan.....	\$713 00
"    Pittsburgh    "    "    .....	140 00
"    Bonds and Mortgages.....	304 89
Rent, etc., Real Estate in Centre County.....	879 20
<i>Principal of Investments collected—</i>	<u>          </u>
Bond and Mortgage.....	2,000 00
<i>Cash Balance, January 1, 1898.....</i>	<u>626 89</u>

PAYMENTS.

		\$4,663 98
Fuel.....	\$574 20	
Expenses of Real Estate.....	1,202 78	
Miscellaneous Expenses.....	34 85	
	<u>          </u>	\$1,811 83
<i>Investments—</i>		
Philadelphia City Loan.....	200 00	
Premium and Expenses of Investment.....	2 00	
	<u>          </u>	2,013 83
<i>Cash Balance, December 31, 1898.....</i>		<u>\$2,650 15</u>

## FUEL AND FOOD.

## STEPHEN GIRARD FUEL FUND.

Created 1831.

Income "to purchase fuel between the months of March and August in  
 "every year forever, and in the month of January in every year forever dis-  
 "tribute the same, amongst poor white housekeepers and roomkeepers, of good  
 "character, residing in the (old) city of Philadelphia."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$200 00
" " 4 " " .....	200 00
" " 3 " " .....	600 00
Reading Co., and the Philadelphia and Reading Coal Iron Co. General Mortgage Bonds.....	9,000 00
	<u>\$10,000 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$38 00	
" Reading Co., and Philadelphia and Reading Coal and Iron Co. Railroad General Mortgage Bonds...	360 00	\$398 00
	<u>          </u>	527 23
Cash Balance, January 1, 1898.....		<u>          </u>
		\$925 23

## PAYMENTS.

Fuel.....	\$485 13	
Miscellaneous Expenses.....	10 66	
	<u>          </u>	495 79
Cash Balance, December 31, 1898.....		<u><u>\$429 44</u></u>

**FUEL AND FOOD.****ESTHER WATERS FUND.****Created 1833.**

Income to be used to "give distribute and deliver such Firewood or other  
"Fuel to and amongst such of the poor of the City of Philadelphia as shall be  
"found upon careful enquiry to be most deserving of such aid."

**Invested Capital, December 31, 1898.**

Lehigh Coal and Navigation Co. Loan..... \$10,463 69

**Cash Receipts and Payments, January 1 to December 31, 1898.****RECEIPTS.**

Interest Lehigh Coal and Navigation Co. Loan.....	\$470 88	
<i>Cash Balance, January 1, 1898</i> .....	<u>499 34</u>	\$970 22

**PAYMENTS.**

Fuel.....	\$454 52	
Miscellaneous Expenses.....	<u>11 55</u>	466 07
<i>Cash Balance, December 31, 1898</i> .....		<u>\$504 15</u>

**PAUL BECK FUEL FUND.****Created 1844.**

Income "to purchase fuel for the use and benefit of the Out-door poor,  
"residing within the Corporate Limits of said City" (old City of Philadelphia).

**Invested Capital, December 31, 1898.**

Ground Rent, 218 Market Street..... \$8,333 33

**Cash Receipts and Payments, January 1 to December 31, 1898.****RECEIPTS.**

Ground Rent.....	\$500 00	
<i>Cash Balance, January 1, 1898</i> .....	<u>639 89</u>	\$1,139 89

**PAYMENTS.**

Fuel.....	\$489 85	
Miscellaneous Expenses.....	<u>9 80</u>	499 65
<i>Cash Balance, December 31, 1898</i> .....		<u>\$640 24</u>

**FUEL AND FOOD.**  
**PAUL BECK SOUP FUND.**

Created 1844.

Income to be paid "to the Soup Societies established in the (old) City of Philadelphia, to aid such Societies in their humane Endeavors to supply the "poor with Soup."

Invested Capital, December 31, 1898.

Ground Rent, 220 Market Street.....	\$8,333 33
-------------------------------------	------------

Cash Receipts and Payments, January 1 to December 31, 1898.

RECEIPTS.

Ground Rent.....	\$500 00	
Cash Balance, January 1, 1898.....	488 99	
		\$988 99

PAYMENTS.

Western Soup Society.....	\$250 00	
Philadelphia Soup Society.....	250 00	
Miscellaneous Expenses.....	6 80	
		506 80
Cash Balance, December 31, 1898.....		\$482 19

**SPRING GARDEN FUEL FUND.**

Created 1847.

Income to be "applied to the purchase of food and fuel, and no other "purpose, and . . . distributed during the winter months of each and every "year, among such of the poor of the said district (Spring Garden) as reside "in said district, east of Broad Street."

Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$2,200 00
"    "    4    "    " .....	100 00
"    "    3½    "    " .....	300 00
"    "    3    "    " .....	600 00
	\$3,200 00

## FUEL AND FOOD.

## SPRING GARDEN FUEL FUND.

Cash Receipts and Payments, January 1 to December 31, 1898.

RECEIPTS.	
Interest Philadelphia City Loan.....	\$165 50
<i>Principal of Investments collected—</i>	
Philadelphia City Loan.....	200 00
<i>Cash Balance, January 1, 1898.....</i>	<i>198 67</i>
	<u>\$564 17</u>
PAYMENTS.	
Fuel.....	\$181 13
Miscellaneous Expenses.....	4 37
<i>Investments—</i>	<i>\$185 50</i>
Philadelphia City Loan.....	200 00
Premium and Expenses of Investment.....	2 00
	<u>387 50</u>
<i>Cash Balance, December 31, 1898.....</i>	<i>\$176 67</i>

## THOMAS D. GROVER FUND.

Created 1849.

Income to be distributed—to the Southwark Library Co., \$300 per annum; in bread and soup, among the poor persons residing in the district of Southwark, \$300 per annum, and the balance of the income, in fuel "among white widows "of respectable character, who are housekeepers or roomkeepers, born within "the limits of the United States of America, whose husbands shall have died "within the present defined boundaries of the district of Southwark."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$19,400 00
"    "    4    "    "    .....	11,800 00
"    "    3½    "    "    .....	19,000 00
"    "    3    "    "    .....	1,800 00
Harrisburg " 6 " " .....	10,000 00
Allegheny " 4 " " .....	10,000 00
Pittsburgh " 7 " " .....	5,000 00
"    "    4    "    "    .....	300 00
Bonds and Mortgages.....	12,200 00
Ground Rent.. .....	75,000 00
Spring Garden Insurance Co. Stock.....32 Shares	1,600 00
Real Estate, Assessed Value.....	5,500 00
	<u>\$171,600 00</u>

## FUEL AND FOOD.

## THOMAS D. GROVER FUND.

Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$2,075 00	
“ Harrisburg “ “ .....	600 00	
“ Allegheny “ “ .....	400 00	
“ Pittsburgh “ “ .....	922 00	
“ Bonds and Mortgages.....	548 50	
Dividend Spring Garden Insurance Co. Stock.....	128 00	
Ground Rent.....	3,000 00	
Rent of Real Estate.....	290 08	
<i>Principal of Investments collected—</i>		\$7,963 58
Pittsburgh City Loan.....		16,000 00
<i>Cash Balance, January 1, 1898.....</i>		<u>4,968 29</u>
		\$28,931 87

## PAYMENTS.

Southwark Library Co.....	\$300 00	
Southwark Soup Society.....	300 00	
Fuel.....	5,269 32	
Expenses of Real Estate.....	178 34	
Miscellaneous Expenses.....	238 55	
<i>Investments—</i>		\$6,286 21
Philadelphia City Loan.....		16,000 00
Premium and Expenses of Investment.....	976 35	
		<u>23,262 56</u>
<i>Cash Balance, December 31, 1898.....</i>		<u>\$5,669 31</u>

## ANDREW R. CHAMBERS FUND.

Created 1871.

Income to be paid “to the various ‘Soup Societies’ of the City of Philadelphia every year so long as the said Societies shall continue their charities to “the poor.”

Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	<u>\$1,900 00</u>
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**FUEL AND FOOD.  
ANDREW R. CHAMBERS FUND.**

**Cash Receipts and Payments, January 1 to December 31, 1898.**

**RECEIPTS.**

Interest Philadelphia City Loan.....	\$114 00	
<i>Cash Balance, January 1, 1898</i> .....	116 47	
	<hr/>	\$230 47

**PAYMENTS.**

Central Soup Society.....	\$12 50	
Northern Soup Society.....	12 50	
Kensington Soup Society.....	12 50	
Moyamensing Soup Society.....	12 50	
Northwestern Soup Society .....	12 50	
Spring Garden Soup Society .....	12 50	
Southwark Soup Society.....	12 50	
Western Soup Society.....	12 50	
Philadelphia Soup Society.....	12 50	
Miscellaneous Expenses.....	1 56	
	<hr/>	114 06
<i>Cash Balance, December 31, 1898</i> .....		<u>\$116 41</u>

**FREDERIC A. SHEAFF FUEL FUND.**

**Created 1874.**

Income "to purchase fuel between the months of March and September  
"in every year forever and in the month of February in every year forever to  
"distribute the same among poor housekeepers and roomkeepers of good  
"character residing in the city of Philadelphia."

**Invested Capital, December 31, 1898.**

Real Estate, assessed value..... \$3,800 00

**Cash Receipts and Payments, January 1 to December 31, 1898.**

**RECEIPTS.**

Rent of Real Estate.....	\$65 00	
<i>Cash Balance, January 1, 1898</i> .....	86 77	
	<hr/>	\$151 77

**PAYMENTS.**

Fuel .....	\$118 34	
Expenses of Real Estate.....	687 73	
Miscellaneous Expenses.....	2 45	
	<hr/>	
<i>Investments:</i>	\$808 52	
Purchase of real estate 1224 N. Tenth Street, fore- closure of Mortgage.....	329 85	
	<hr/>	1,138 37
<i>Cash Balance, December 31, 1898 (overdrawn)</i> .....		<u>\$986 60</u>

## FUEL AND FOOD.

## MARY SHIELDS FUEL FUND.

Created 1880.

"To apply the interest thereof to the purchase of Coal, and distribute the same in the fall and winter months to indigent widows—single women, and men, without respect to color."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$650 00
" " 4 " " .....	1,750 00
" " 3½ " " .....	3,500 00
" " 3 " " .....	3,700 00
Pittsburgh City 4 " " .....	400 00
	<u>\$10,000 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$344 00	
" Pittsburgh " " .....	16 00	
	<u>360 00</u>	
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....	600 00	
Cash Balance, January 1, 1898.....	379 13	
	<u>1,339 13</u>	

## PAYMENTS.

Fuel.....	\$403 79	
Miscellaneous Expenses.....	10 41	
	<u>414 20</u>	
<i>Investments:</i>		
Philadelphia City Loan.....	700 00	
Premium and Expenses of Investment.....	7 00	
	<u>1,121 20</u>	
Cash Balance, December 31, 1898.....		<u>\$217 93</u>

### FUEL AND FOOD. SEYBERT FUND.

Created 1883.

Income "for the distribution of Fuel and Bread amongst the deserving  
" Poor, during the Winter season."

Invested Capital, December 31, 1898.

Bond and Mortgage.....	\$10,000 00
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Cash Receipts and Payments, January 1 to December 31, 1898.

#### RECEIPTS.

Interest on Bond and Mortgage .....	\$400 00	
Cash Balance, January 1, 1898.....	408 44	
		\$808 44
PAYMENTS.		
Fuel.....	\$383 99	
Miscellaneous Expenses.....	10 41	
		394 40
Cash Balance, December 31, 1898.....		<u>\$414 04</u>

### MISCELLANEOUS. JAMES CLAYPOOLE FUND.

Created 1769.

" For the Benefit and relief of the Poor of the said City of Philadelphia."

Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$600 00
" " 4 " " .....	50 00
" " 3½ " " .....	50 00
" " 3 " " .....	100 00
Deposit Philadelphia Saving Fund.....	50 00
	<u>\$850 00</u>

Cash Receipts and Payments, January 1 to December 31, 1898.

#### RECEIPTS.

Interest Philadelphia City Loan.....	\$40 24	
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....	50 00	
Cash Balance, January 1, 1898.....	65 10	
		\$155 34
PAYMENTS.		
Miscellaneous Expenses.....	\$0 61	
<i>Investments—</i>		
Philadelphia City Loan.....	150 00	
Premium and Expenses of Investment.....	3 94	
		154 55
Cash Balance, December 31, 1898.....		<u>\$0 79</u>

## MISCELLANEOUS.

## GEORGE EMLÉN FUND.

Created 1776.

Income "to be laid out and distributed . . . during the four Winter Months . . . to Objects included either in the City or two Suburbs of Philada . . . and if . . . a sufficient Number of such Objects Cannot Some Times be found . . . to Buying some warm cheap Clothing to be given to such Objects as are Discharged from said Betering House "and Hospital."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$500 00
" " 4 " " .....	2,300 00
Philadelphia and Reading Railroad Co. General Mortgage Bonds.....	5,000 00
Deposit, Philadelphia Saving Fund.....	11 18
	<u>\$7,811 18</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$122 00	
" Reading Co. and Philadelphia and Reading Coal and Iron Co. Bonds.....	200 00	\$322 00
Cash Balance, January 1, 1898.....		<u>374 83</u>
		\$696 83

## PAYMENTS.

Fuel.....	\$359 83	
Miscellaneous Expenses.....	8 63	368 46
Cash Balance, December 31, 1898.....		<u>\$328 37</u>

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**MISCELLANEOUS.**
**B. W. and J. W. MORRIS FUND.****Created 1806.**

"To the only proper use and Behoof of the Guardians of the poor of the  
 "City of Philadelphia the district of Southwark and the Township of the  
 "Northern Liberties."

**Invested Capital, December 31, 1898.**

Philadelphia City 6 per cent. Loan.....	\$800 00
" " 3½ " " .....	50 00
" " 3 " " .....	100 00
" " 4 " " .....	50 00
	<u>\$1,000 00</u>

**Cash Receipts and Payments, January 1 to December 31, 1898.****RECEIPTS.**

Interest Philadelphia City Loan.....	\$51 26	
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....	50 00	
Premium on Bonds sold .....	50	
<i>Cash Balance, January 1, 1898.....</i>	<u>107 76</u>	\$209 52

**PAYMENTS.**

Miscellaneous Expenses.....	\$0 72	
<i>Investments—</i>		
Philadelphia City Loan.....	200 00	
Premium and Expenses of Investment.....	<u>4 44</u>	205 16
<i>Cash Balance, December 31, 1898.....</i>		<u>\$4 36</u>

## MISCELLANEOUS.

## BERNARD McMAHON FUND.

Created 1816.

"For the use of the poor of Penn Township."

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan.....	\$400 00
" " 3½ " " .....	150 00
" " 4 " " .....	50 00
	<u>\$600 00</u>

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$29 24	
<i>Principal of Investments collected—</i>		
Philadelphia City Loan.....	50 00	
Premium on Bonds sold.....	50	
<i>Cash Balance, January 1, 1898.....</i>	<u>39 94</u>	\$119 68

## PAYMENTS.

Miscellaneous Expenses.....	\$0 45	
<i>Investments—</i>		
Philadelphia City Loan.....	100 00	
Premium and Expenses of Investment.....	<u>3 43</u>	103 88
<i>Cash Balance, December 31, 1898.....</i>		<u>\$15 80</u>

## MISCELLANEOUS.

## JACOB J. SNYDER FUND.

Created 1874.

Income to be "expended yearly by the Directors of City Trusts as they  
"may deem best in aid of the poor people in this City" (Philadelphia).

## Invested Capital, December 31, 1898.

Philadelphia City 6 per cent. Loan..... \$9,500 00

## Cash Receipts and Payments, January 1 to December 31, 1898.

## RECEIPTS.

Interest Philadelphia City Loan.....	\$570 00	
Cash Balance, January 1, 1898 .....	578 16	
	<u>          </u>	\$1,148 16

## PAYMENTS.

Fuel .....	\$560 28	
Miscellaneous Expenses .....	10 76	
	<u>          </u>	571 04
Cash Balance, December 31, 1898.....		<u>\$577 12</u>

Respectfully submitted,

GEO. E. KIRKPATRICK,

*Superintendent Minor City Trusts.*

PHILADELPHIA, December 31, 1898.

# APPENDIX G.

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## WILLS HOSPITAL,

Race Street, between 18th and 19th Streets.

---

### Consulting Surgeons.

THOMAS G. MORTON, M.D.  
GEORGE STRAWBRIDGE, M.D.  
ANDREW DOUGLASS HALL, M.D.

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### Attending Surgeons.

CONRAD BERENS, M.D.  
JOHN WELSH CROSKEY, M.D.  
FRANK FISHER, M.D.  
GEORGE C. HARLAN, M.D.  
W. W. McCLURE, M.D.  
W. F. NORRIS, M.D.  
CHARLES A. OLIVER, M.D.  
SAMUEL D. RISLEY, M.D.  
P. N. K. SCHWENK, M.D.  
WILLIAM THOMSON, M.D.

### Assistant Surgeons.

WALTER L. PYLE, M.D.  
JOSEPH A. CRAMP, M.D.  
WILLIAM H. L. HALE, M.D.  
McCLUNEY RADCLIFFE, M.D.  
JOHN T. KRALL, M.D.  
W. ZENTMAYER, M.D.  
WILLIAM C. POSEY, M.D.  
JAMES THORINGTON, M.D.  
T. E. CONARD, M.D.  
ARCHIBALD G. THOMSON, M.D.

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### Pathological Curator.

W. F. NORRIS, M.D.

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### Resident Surgeons.

FRANK A. FORD, M.D.  
ALBERT C. SNELL, M.D.

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### Superintendent.

RICHARD H. LYTLE.

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### Matron.

MARGARET C. LYTLE.

**CLINIC HOURS.**—From 2 to 3 P.M. daily (Sundays excepted), at which time the Surgeons are in attendance for the examination and treatment of the patients presenting themselves.

The Clinics are open to all regular Practitioners and Students of Medicine who desire to study the diseases of the eye.



## WILLS HOSPITAL.

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### REPORT OF THE SURGICAL STAFF FOR THE YEAR 1898.

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Your Board of Surgeons report the treatment of 12,587 new patients at the clinics, with the total number of visits to the clinics 46,823. 3,587 operations were performed, and of these 271 were for cataract.

Though the results of its work have been satisfactory, the usefulness of the Hospital has been restricted by the limited means at its disposal. The Surgical Staff again urges the importance of completing the ward for contagious diseases, the lack of which has made it necessary to refuse admission to the class of cases which, on account of their contagious character, must be isolated. These cases are just those that, when neglected, or improperly treated, are the most rapidly fatal to sight, as well as of great danger to the community. An operating room of more modern equipment is urgently needed. Electricity for operative purposes as well as for lighting, should be introduced, and a larger sum for maintenance is also required. All of which is respectfully submitted.

GEORGE C. HARLAN,  
CONRAD BERENS,  
CHARLES A. OLIVER,  
*Committee.*

# WILLS HOSPITAL.

## REPORT OF THE SUPERINTENDENT FOR THE YEAR 1898.

## HOUSE PATIENTS.

	Males.	Females.	Total.
Number in the House, January 1, 1898...	34	11	45
Admitted in 1898.....	444	172	616
	478	183	661
Discharged in 1898.....	458	168	626
Number in the House, December 31, 1898	20	15	35

<i>While in the House there were</i>		<i>Residence of those Admitted.</i>	
Cured.....	399	Philadelphia.....	281
Improved.....	199	Other parts of Pennsylvania.....	232
Unimproved.....	19	Elsewhere.....	103
Died.....	1		
Not treated.....	8		
Total.....	626	Total.....	616

## DISPENSARY PATIENTS.

The total number of patients treated at the clinics was 12,587, of which 1349 were cases of foreign body in the eye, which were treated by the Resident Surgeons.

*Residence of those Treated at the Clinics.*

Philadelphia.....	10,078
Other parts of Pennsylvania.....	1,387
Elsewhere.....	1,122
Total.....	12,587

The patients admitted to the wards and treated at the clinics together were 13,203. The nativity of these was:

Africa.....	2	Forward.....	195	Forward.....	3,262
Armenia.....	2	England... ..	527	Norway.....	17
Asia.....	1	Egypt.....	1	Poland.....	38
Australia.....	4	Finland.....	5	Roumania.....	18
Austria.....	86	France.....	28	Russia.....	410
Barbadoes.....	1	Germany.....	805	Scotland.....	124
Belgium.....	12	Holland.....	5	Spain.....	2
Bohemia.....	8	Hungary.....	33	Sweden.....	59
British Guiana....	2	India.....	1	Switzerland.....	49
Canada.....	39	Ireland.....	1,521	Turkey.....	2
China.....	13	Italy.....	133	United States.....	9,176
Cuba.....	11	Mexico.....	1	Wales.....	33
Denmark.....	14	Newfoundland....	7	West Indies.....	13
Forward.....	195		3,262	Total.....	13,203

The place of residence of the patients treated at the Hospital during 1898 was:

PENNSYLVANIA :		House Patients.	Clinic Patients.	Total.
Adams	County .....	1	1	2
Allegheny	" .....	1	3	4
Bedford	" .....	2	3	5
Berks	" .....	3	37	40
Blair	" .....	16	51	67
Bradford	" .....	4	12	16
Bucks	" .....	8	100	108
Cambria	" .....	2	8	10
Carbon	" .....	5	18	23
Centre	" .....	3	7	10
Chester	" .....	9	127	136
Clearfield	" .....	12	14	26
Clinton	" .....	2	10	12
Columbia	" .....	2	3	5
Cumberland	" .....	...	3	3
Dauphin	" .....	4	26	30
Delaware	" .....	16	281	297
Elk	" .....	...	1	1
Franklin	" .....	...	3	3
Fulton	" .....	...	2	2
Huntingdon	" .....	3	6	9
Jefferson	" .....	...	2	2
Juniata	" .....	1	3	4
Lackawanna	" .....	11	15	26
Lancaster	" .....	5	31	36
Lawrence	" .....	2	1	3
Lebanon	" .....	...	4	4
Lehigh	" .....	8	29	37
Luzerne	" .....	23	64	87
Lycoming	" .....	2	10	12
Mifflin	" .....	5	7	12
Monroe	" .....	...	1	1
Montgomery	" .....	33	320	353
Montour	" .....	...	2	2
Northampton	" .....	13	47	60
Northumberland County	.....	8	29	37
Perry	" .....	...	6	6
Forward.....		204	1,287	1,491

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX G. 233

		House Patients.	Clinic Patients.	Total.
Forward.....		204	1,287	1,491
Philadelphia County.....		281	10,078	10,359
Schuylkill	" .....	19	77	96
Snyder	" .....	...	2	2
Somerset	" .....	...	1	1
Sullivan	" .....	2	1	3
Tioga	" .....	1	2	3
Union	" .....	...	4	4
Westmoreland	" .....	...	3	3
Wyoming	" .....	6	6	12
York	" .....	...	4	4
Total from Pennsylvania.....		513	11,465	11,978
NEW JERSEY .....		78	921	999
DELAWARE .....		11	141	152
MARYLAND.....		4	36	40
VIRGINIA.....		6	13	19
NEW YORK.....		...	4	4
MONTANA ...		2	2	4
MAINE.....		1	...	1
TENNESSEE.....		...	1	1
WYOMING.....		...	1	1
ARIZONA.....		...	1	1
DISTRICT OF COLUMBIA.....		...	1	1
NORTH CAROLINA.....		1	1	2
Total .....		616	12,587	13,203

Respectfully submitted,

RICHARD H. LYTLE,

PHILADELPHIA, December 31, 1898.

*Superintendent.*

## AUDITOR'S CERTIFICATE.

I hereby certify that I have audited the accounts of the GIRARD ESTATE and of the MINOR TRUSTS, of the City of Philadelphia, for the year ended December 31, 1898, and found the same to be correct, and correctly summarized in the foregoing reports of the Superintendent, pages 54-65 and 197-228.

JOHN HEINS,

*Public Accountant and Auditor.*

508 WALNUT STREET, PHILADELPHIA.





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THIRTIETH ANNUAL REPORT  
OF THE  
BOARD OF DIRECTORS  
OF  
CITY TRUSTS  
OF THE  
CITY OF PHILADELPHIA  
*FOR THE YEAR 1899.*

---

PHILADELPHIA:  
PRESS OF ALLEN, LANE & SCOTT,  
1211-13 Clover Street.  
1900.





THIRTIETH ANNUAL REPORT  
OF THE  
BOARD OF DIRECTORS  
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*FOR THE YEAR 1899.*

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PHILADELPHIA :  
PRESS OF ALLEN, LANE & SCOTT,  
1211-13 Clover Street.  
1900.



BOARD OF DIRECTORS  
OF  
CITY TRUSTS  
1900.

---

LOUIS WAGNER, *President*,  
Broad and Market Streets.

JOSEPH L. CAVEN, *Vice-President*,  
523 Chestnut Street.

EDWARD S. BUCKLEY,  
505 Chestnut Street.

JOHN M. CAMPBELL,  
215 South Sixth Street.

BENJAMIN B. COMEGYS,  
421 Chestnut Street.

JOHN H. CONVERSE,  
500 North Broad Street.

JOHN K. CUMING,  
Broad and Columbia Avenue.

WILLIAM L. ELKINS,  
S. W. cor. Broad and Chestnut Sts.

WILLIAM H. LAMBERT,  
1001 Chestnut Street.

JOHN H. MICHENER,  
307 Chestnut Street.

DALLAS SANDERS,  
S. W. cor. Broad and Chestnut Sts.

EDWIN S. STUART,  
9 South Ninth Street.

MEMBERS OF THE BOARD, "EX OFFICIO."

SAMUEL H. ASHBRIDGE, *Mayor*,  
City Hall.

JAMES L. MILES, *President Select Council*,  
133 South Twelfth Street.

GEORGE McCURDY, *President Common Council*,  
1102 Betz Building.

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FRANK M. HIGHLEY, *Secretary*,  
Stephen Girard Building.

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OFFICE.—STEPHEN GIRARD BUILDING, 21 S. TWELFTH ST., PHILADELPHIA.

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STATED MEETINGS, ON THE SECOND WEDNESDAY OF EACH  
MONTH, AT 3.30 P. M.

# COMMITTEES.

## HOUSEHOLD AND INFIRMARY OF GIRARD COLLEGE.

JOHN H. CONVERSE, *Chairman*.  
BENJAMIN B. COMEGYS, JOHN K. CUMING,  
JOSEPH L. CAVEN, EDWIN S. STUART,  
EDWARD S. BUCKLEY, PRES. SELECT COUNCIL.

## INSTRUCTION AND LIBRARY OF GIRARD COLLEGE.

JOHN M. CAMPBELL, *Chairman*.  
JOHN H. MICHENER, JOHN K. CUMING,  
BENJAMIN B. COMEGYS, DALLAS SANDERS,  
JOHN H. CONVERSE, THE MAYOR.

## ADMISSION, DISCIPLINE, AND DISCHARGE, GIRARD COLLEGE.

BENJAMIN B. COMEGYS, *Chairman*.  
JOSEPH L. CAVEN, DALLAS SANDERS,  
WILLIAM L. ELKINS, WILLIAM H. LAMBERT,  
EDWARD S. BUCKLEY, PRES. COMMON COUNCIL.

## GIRARD ESTATE WITHIN THE CITY.

JOSEPH L. CAVEN, *Chairman*.  
JOHN H. MICHENER, EDWARD S. BUCKLEY,  
BENJAMIN B. COMEGYS, JOHN M. CAMPBELL,  
WILLIAM L. ELKINS, PRES. SELECT COUNCIL.

## GIRARD ESTATE WITHOUT THE CITY.

JOHN K. CUMING, *Chairman*.  
JOHN H. MICHENER, EDWIN S. STUART,  
JOHN H. CONVERSE, WILLIAM H. LAMBERT,  
DALLAS SANDERS, PRES. COMMON COUNCIL.

## WILLS HOSPITAL AND MINOR TRUSTS.

EDWARD S. BUCKLEY, *Chairman*.  
WILLIAM L. ELKINS, EDWIN S. STUART,  
JOHN K. CUMING, WILLIAM H. LAMBERT,  
DALLAS SANDERS, PRES. COMMON COUNCIL.

## FINANCE.

WILLIAM L. ELKINS, *Chairman*.  
JOHN H. MICHENER, JOHN M. CAMPBELL,  
JOSEPH L. CAVEN, EDWIN S. STUART,  
JOHN H. CONVERSE, THE MAYOR.

## EXECUTIVE COMMITTEE.

PRESIDENT OF THE BOARD AND CHAIRMEN OF THE STANDING COMMITTEES.

*The President of the Board is Ex-officio a Member of all Committees.*

# STATED MEETINGS.

## AT GIRARD COLLEGE,

On Friday preceding second Wednesday :  
Instruction and Library at 3 P. M.  
Admission, Discipline, and Discharge at  
3.30 P. M.  
Household and Infirmary at 4 P. M.

## AT No. 21 SOUTH TWELFTH STREET: Girard Estate without the City.

Thursday preceding second Wednesday at  
3.15 P. M.

## Girard Estate within the City.

Friday preceding second Wednesday at  
9.15 A. M.

## Finance.

Tuesday preceding second Wednesday at  
10 A. M.

## WILLS HOSPITAL AND MINOR TRUSTS.

Monday preceding second Wednesday at  
3.30 P. M., at Wills Hospital.

## EXECUTIVE.

At the call of the Chairman.

## DIRECTORS OF GIRARD WATER COMPANY.

Thursday preceding second Wednesday at  
3.10 P. M., at No. 21 South  
Twelfth Street.

# The Board of Directors of City Trusts, 1869-1900.

## MEMBERS OF THE ORIGINAL BOARD OF DIRECTORS OF CITY TRUSTS APPOINTED SEPTEMBER 2, 1869.

GUSTAVUS S. BENSON . . . . .	Died March 22, 1883.
ALEXANDER BIDDLE . . . . .	Resigned Dec. 1884.
JAMES CAMPBELL . . . . .	Died Jan. 27, 1893.
JAMES L. CLAGHORN . . . . .	" Aug. 25, 1884.
CHARLES H. T. COLLIS . . . . .	Resigned June 11, 1884.
J. GILLINGHAM FELL . . . . .	" Sept. 9, 1874.
EDWARD KING . . . . .	" Feb. 14, 1872.
WILLIAM B. MANN . . . . .	Died Oct. 17, 1896.
JOHN H. MICHENER . . . . .	
HENRY M. PHILLIPS . . . . .	Died Aug. 28, 1884.
GEORGE H. STUART . . . . .	" April 11, 1890.
WILLIAM WELSH . . . . .	" Feb. 11, 1878.

### "EX-OFFICIO" MEMBERS.

DANIEL M. FOX, <i>Mayor</i> . . . . .	Term expired Jan. 1, 1872.
SAMUEL W. CATTELL, <i>President Select Council</i> " " . . . . .	Jan. 1, 1872.
LOUIS WAGNER, <i>President Common Council</i> . " " . . . . .	Jan. 2, 1871.

## APPOINTMENTS ON BOARD OF DIRECTORS OF CITY TRUSTS SUBSEQUENT TO SEPTEMBER 2, 1869.

APPOINTED	
W. HEYWARD DRAYTON . . . . .	Feb. 14, 1872. Died Oct. 9, 1892.
LOUIS WAGNER . . . . .	Jan. 4, 1875.
GEORGE L. HARRISON . . . . .	March 18, 1878. Resigned Dec. 17, 1881.
BENJAMIN B. COMEGYS . . . . .	Jan. 7, 1882.
JOSEPH L. CAVEN . . . . .	March 31, 1883.
WILLIAM L. ELKINS . . . . .	Oct. 6, 1884.
JAMES SIMPSON, M. D. . . . .	" 6, 1884. Resigned March 5, 1888.
RICHARD VAUX . . . . .	" 6, 1884. Died March 22, 1895.
WILLIAM HENRY RAWLE . . . . .	Jan. 12, 1885. " April 19, 1889.
ALEXANDER BIDDLE (reappointed) . . . . .	April 2, 1888. " May 2, 1899.
JOHN H. CONVERSE . . . . .	June 3, 1889.
EDWARD S. BUCKLEY . . . . .	" 2, 1890.
JOHN K. CUMING . . . . .	Dec. 5, 1892.
DALLAS SANDERS . . . . .	March 6, 1893.
JOHN M. CAMPBELL . . . . .	April 15, 1895.
EDWIN S. STUART . . . . .	Dec. 7, 1896.
WILLIAM H. LAMBERT . . . . .	June 5, 1899.

### "EX-OFFICIO" MEMBERS.

WILLIAM S. STOKLEY, *Mayor* . . . . . Jan. 1, 1872, to April 4, 1881.  
 SAMUEL G. KING, " . . . . . April 4, 1881, to " 7, 1884.  
 WILLIAM B. SMITH, " . . . . . " 7, 1884, to " 4, 1887.  
 EDWIN H. FITLER, " . . . . . " 4, 1887, to " 6, 1891.  
 EDWIN S. STUART, " . . . . . " 6, 1891, to " 1, 1895.  
 CHARLES F. WARWICK, " . . . . . " 1, 1895, to " 3, 1899.  
 SAMUEL H. ASHBRIDGE, " . . . . . April 3, 1899.

WM. E. LITTLETON, *President Select Council* . Jan. 1, 1872, to Jan. 5, 1874.  
 \*ROBERT W. DOWNING, " " " . " 5, 1874, to July 8, 1875.  
 W. W. BURNELL, M. D., " " " . July 8, 1875, to Jan. 3, 1876.  
 \*GEORGE A. SMITH, " " " . Jan. 3, 1876, to Nov. 3, 1881.  
 GEORGE W. BUMM, " " " . Nov. 3, 1881, to April 3, 1882.  
 WILLIAM B. SMITH, " " " . April 3, 1882, to April 7, 1884.  
 JAMES R. GATES, " " " . " 7, 1884, to " 3, 1893.  
 JAMES L. MILES, " " " . " 3, 1893.

\*HENRY HUHN, *President Common Council* . Jan. 2, 1871, to Feb. 15, 1872.  
 LOUIS WAGNER, " " " . Feb. 15, 1872, to Jan. 6, 1873.  
 A. W. HENSZEY, " " " . Jan. 6, 1873, to " 3, 1876.  
 JOSEPH L. CAVEN " " " . " 3, 1876, to April 4, 1881.  
 WILLIAM H. LEX, " " " . April 4, 1881, to " 7, 1884.  
 CHAS. LAWRENCE, " " " . " 7, 1884, to " 2, 1888.  
 †WILLIAM M. SMITH, " " " . " 2, 1888, to May 4, 1892.  
 WENCEL HARTMAN, " " " . May 12, 1892, to Dec. 28, 1899.  
 GEORGE McCURDY, " " " . Jan. 4, 1900.

### OFFICERS.

#### *President.*

†WILLIAM WELSH . . . . . Sept. 13, 1869, to Feb. 11, 1878.  
 HENRY M. PHILLIPS . . . . . March 13, 1878, to Dec. 14, 1881.  
 ALEXANDER BIDDLE . . . . . Dec. 14, 1881, to Dec. 10, 1884.  
 †W. HEYWARD DRAYTON . . . . . Dec. 10, 1884, to Oct. 9, 1892.  
 LOUIS WAGNER . . . . . Nov. 9, 1892.

#### *Vice-President.*

HENRY M. PHILLIPS . . . . . May 11, 1870, to March 13, 1878.  
 ALEXANDER BIDDLE . . . . . March 13, 1878, to Dec. 14, 1881.  
 W. HEYWARD DRAYTON . . . . . Dec. 14, 1881, to Dec. 10, 1884.  
 LOUIS WAGNER . . . . . Dec. 10, 1884, to Nov. 9, 1892.  
 †JAMES CAMPBELL . . . . . Nov. 9, 1892, to Jan. 27, 1893.  
 JOSEPH L. CAVEN . . . . . April 12, 1893.

#### *Secretary.*

HENRY W. AREY . . . . . Feb. 25, 1870, to Jan. 9, 1878.  
 CHAS. T. MILLER . . . . . Jan. 9, 1878, to Dec. 31, 1884.  
 FRANK M. HIGHLEY . . . . . Jan. 1, 1885.

\* Resigned.

† Died.

THE  
THIRTIETH ANNUAL REPORT  
OF THE  
BOARD OF DIRECTORS OF CITY TRUSTS

---

*To the Legislature of the Commonwealth of Pennsylvania, the  
Councils of the City of Philadelphia, and the Board of Ap-  
pointment, composed of the Judges of the Courts of Common  
Pleas of the County of Philadelphia :*

GENTLEMEN :

IN compliance with the Act of Assembly entitled "A Further Supplement to an Act entitled 'An Act to Incorporate the City of Philadelphia,' approved the second day of February, one thousand eight hundred and fifty-four, creating a Board called Directors of City Trusts," approved June 30th, 1869, the Board of Directors of City Trusts respectfully present this the Thirtieth Annual Report of the several Trusts under their administration, for the year ended December 31st, 1899.

On Monday, April 2d, last, the term of office as Mayor of Philadelphia of the Hon. Charles F. Warwick expired, and he ceased to be a member of the Board.

On May 2d, 1899, Col. Alexander Biddle died. He was one of the gentlemen appointed on September 2d, 1869, to



constitute the Board of Directors of City Trusts then created by Act of Assembly, and served as such until December, 1884, when ill health compelled his resignation. On April 2d, 1888, he was again appointed a member and remained in membership until his death.

He was elected Vice-President of the Board on March 13th, 1878, and President on December 14th, 1881.

His services in the work of the many Trusts under our care are admirably set forth in the following minute adopted at our meeting held on May 10th, 1899:—

“ Alexander Biddle, chosen by the Judges of our Courts on September 2d, 1869, as a member of the Board into whose care the administration of the Trusts of the City of Philadelphia was to be placed, and who since then, except during a short period when physical disability compelled him to sever his connection with us, has given to our work the unstinted benefit of his clear intellect, unswerving integrity, and kindly disposition, has been called to his reward.

“ Any attempt to recount his services as a member of the Board of Directors of City Trusts would be to write a history of the Board itself. Always active in the work, his personality is deeply impressed on the widely varied affairs of the Board.

“ As Chairman, successively, of the Committee on Wills Hospital and Minor Trusts, of the Committee on Girard Estate without the City, and of the Committee on Instruction and Library of the Girard College, his influence in the management of these departments was potent, and invariably for their best interests.

“ As Vice-President of the Board for a term of nearly four years, and as its President for three years, his service was fully as thorough and devoted.

“ It is unnecessary to refer in detail to his work other than that in connection with the Board of Directors of City Trusts, to his scholarly attainments, his patriotic services, his broad charity, his sterling integrity, his gentle disposition, and his kindness of heart. These are too well known to require comment here.

" Whenever Philadelphia, his native city, required intelligent service of a public or a private character, Colonel Biddle was both willing and able to render it.

" To express our appreciation of, and admiration and personal affection for, our deceased fellow-member, it is hereby ordered that this minute be entered upon the records of the Board and that a copy be sent to his family."

Hon. Samuel H. Ashbridge succeeded Mr. Warwick as Mayor and as a member of our Board, and Major William H. Lambert was appointed on June 5th, 1899, to fill the vacancy caused by Mr. Biddle's death.

It is only necessary to refer to the fact that no changes have been made in the officials and employees of the Board, as an evidence that they have severally continued to discharge their duties in a satisfactory manner.

The reports hereto appended contain a full account of their work, and give in detail much interesting and valuable information.

The report of the PRESIDENT OF GIRARD COLLEGE, with the accompanying reports of the other officers of the institution (*Appendix D*), shows that the work of training and educating nearly 1600 orphan boys is satisfactorily prosecuted on the lines indicated by Mr. Girard in his will.

A careful perusal of these reports will repay the managers, as well as the executive officers, of institutions similar in plan even if smaller in scope than the Girard College.

The results of the work are apparent in the positions of trust and of usefulness occupied by a large proportion of its 4149 graduates.

When the inquiry is frequently made as to the *prominent* men who feel proud of Girard College as their *alma mater*, we not only point to those who occupy prominent places in Church and in State, but we derive especial satisfaction from

the fact that Mr. Girard's wishes for the making of good and useful citizens are being fully met.

Faithful compliance with the terms of his will as to age and condition of applicants and their order of admission, makes Girard College the only COLLEGE in the world receiving its students from lists of orphan boys between six and ten years old and graduating them before they become eighteen years of age.

The course of training and of instruction in the College is prescribed in the will in great detail and is carefully carried out.

These statements are made in no spirit of criticism of Mr. Girard's purposes, but only to meet the suggestions of many, reaching conclusions from insufficient data, who contend that an institution so amply endowed as is Girard College should produce results more in accord with their views of its objects.

Mr. Girard's directions for his College are so full and explicit that they cannot possibly be misunderstood and our efforts are always for their amplest execution. The results fully justify his plans and, we hope, to some extent our administration.

The following changes occurred in the Faculty of the College:

Prof. N. Wiley Thomas, Ph. D., who for nearly sixteen years had ably filled the chair of Chemistry and Physics, resigned to accept an important office in connection with the gas supply of Philadelphia.

Miss Martha G. McLaughlin and Miss Clara G. Duffy, teachers in Third and in Second Form respectively, resigned.

Mr. George P. Rupp, Librarian, resigned to accept the place of Librarian of the Grand Lodge of Free Masons.

The instructor in blacksmithing was removed.

The following appointments were made to fill these vacancies:

Dr. Alfred N. Seal, vice Dr. N. Wiley Thomas.

Miss Ida Mae Benson and Miss Lenna M. Vautier, vice Miss Martha McLaughlin and Miss Clara G. Duffy.

Miss Mary Mecutchen, vice Mr. George P. Rupp.

Mr. Laurence Duggan was appointed instructor in black-smithing.

Capt. Frank A. Edwards, First United States Cavalry, has not yet returned to resume his duties as military instructor.

In the HOUSEHOLD OF THE COLLEGE the following changes occurred:

Dr. John R. Forst, who had acceptably filled the place of Resident Physician since 1894, resigned to resume private practice, and Dr. Witten Booth Russ was appointed in his place.

Mr. Thomas Perrins, an officer of the College for forty-four years, first as Prefect and since March, 1869, as the Steward, was retired because of advanced age and increasing infirmities. Mr. Frank O. Zesinger, his assistant for over thirteen years, was appointed to fill the vacancy.

Mr. Perrins served the College long and well. There was never a question as to his ability or to his faithfulness to the interests of the institution. He carries with him the best wishes of all associated with him and their prayers for yet many years of life and, after his long labor, of rest.

The report of the PHYSICIAN indicates unusual good health during the past year.

The number of cases treated was . . .	3,609
Against . . . . .	<u>4,026</u>
in 1898.	

There was no sickness of an epidemic character.

The following deaths occurred:—

After operation for appendicitis . . . . .	1
Pneumonia . . . . .	<u>1</u>
Total . . . . .	2

This low death rate occurred but once, in 1895, when only 2 died, but in proportion to the population it is the lowest recorded.

During the year there were no expenditures for the erection or extension of buildings, but the existing property was kept in its usual good order and repair.

The population of the College during the year 1899 was as follows:

Number of pupils January 1st, 1899 . . . . .	1,538	
Admitted during the year . . . . .	193	
	—	1,731

During the year there were

College indentures canceled to enable boys to accept employment . . . . .	192	
Indentured as apprentices . . . . .	2	
Returned to mothers and friends, and transferred to other institutions . . . . .	5	
Eighteen years of age . . . . .	1	
Died . . . . .	2	
	—	202
Number of pupils December 31st, 1899 . . . . .		1,529
Officers { Instruction . . . . .	68	
Household . . . . .	49	
	—	117
Employees of household . . . . .	281	
	—	398
Total, December 31st, 1899 . . . . .		1,927

The following table shows the number of applicants registered for admission into Girard College, and the number of boys in the College on January 1st, 1900, born in the different counties of Pennsylvania:

County.	On the List of Applicants.	In the College.	County.	On the List of Applicants.	In the College.
Adams . . . . .	1	2	McKean . . . . .		1
Allegheny . . . . .	4	5	Mifflin . . . . .	4	2
Bedford . . . . .	2	..	Monroe . . . . .	1	4
Berks . . . . .	14	22	Montgomery . . . . .	27	66
Blair . . . . .	8	25	Montour . . . . .	..	3
Bradford . . . . .	7	8	Northampton . . . . .	12	8
Bucks . . . . .	11	25	Northumberland . . . . .	11	24
Butler . . . . .	..	1	Perry . . . . .	1	..
Cambria . . . . .	2	7	Schuylkill . . . . .	42	128
Cameron . . . . .	2	1	Somerset . . . . .	..	3
Carbon . . . . .	..	13	Susquehanna . . . . .	5	7
Centre . . . . .	7	6	Tioga . . . . .	2	2
Chester . . . . .	13	48	Union . . . . .	2	..
Clearfield . . . . .	10	6	Venango . . . . .	..	1
Clinton . . . . .	8	17	Warren . . . . .	1	2
Columbia . . . . .	7	20	Washington . . . . .	..	2
Crawford . . . . .	3	4	Wayne . . . . .	3	2
Cumberland . . . . .	5	12	Westmoreland . . . . .	1	..
Dauphin . . . . .	7	30	Wyoming . . . . .	1	2
Delaware . . . . .	21	32	York . . . . .	..	4
Elk . . . . .	2	2			
Erie . . . . .	..	2		335	715
Fayette . . . . .	..	3	Philadelphia (out-		
Franklin . . . . .	1	5	side of Old City),	334	684
Fulton . . . . .	..	2	Old City of Phila-		
Huntingdon . . . . .	3	5	delphia . . . . .	1	130
Indiana . . . . .	2	1			
Jefferson . . . . .	6	14		670	1,529
Lackawanna . . . . .	20	18	Outside of the		
Lancaster . . . . .	13	34	State of Penn-		
Lebanon . . . . .	9	12	sylvania . . . . .	15	..
Lehigh . . . . .	5	10			
Luzerne . . . . .	24	47		685	1,529
Lycoming . . . . .	5	15			

There has been a decrease in the number of admissions . . . . . 65

And in the number of discharges, &c. . . . . 54

The number of pupils in the College is . . . . . 1,529

A decrease of . . . . . 9

In the number registered for admission there is an increase

From Philadelphia of . . . . . 35

And from other parts of Pennsylvania, &c. . . . . 50

Total increase . . . . . 85

There are pupils in the College, or applicants registered for admission, from 55 of the 67 counties of the State.

The report of the SUPERINTENDENT OF ADMISSION AND INDENTURES (*Appendix E*) is of more than usual interest.

A year ago the Superintendent submitted a detailed statement of the 961 boys who had left the College during the preceding five years, showing that but 776 of that number had employment. The report for 1899 covers the record of 1089 boys, and shows that 983 are at work, and that of this number all but 21 are doing well. The condition of 17 of the whole number is reported as "unfavorable."

Reference is made to the fact that our graduates are found in more or less prominent places in Manchester, England; in Berlin, Germany; in the Sandwich Islands, and in the Canadas.

Thirty-two are in the Army and seven in the Navy of the United States, a few in Cuba and in garrisons in the United States, but the larger number in the campaigns in the Philippine Islands.

The Superintendent's suggestions in the matter of the employment sought by the younger graduates is well worth their serious consideration.

About 33 per cent. of those covered by the report is employed at pursuits other than mechanical.

The report of the SUPERINTENDENT OF GIRARD ESTATES (*Appendix A*) shows the following receipts:—

	Gross.	Net.
From Real Estate within the City . . . . .	\$555,789 31	\$337,216 85
Stocks, Bonds, &c. . . . .	199,836 86	139,072 03
Total . . . . .	\$755,626 17	\$476,288 88
From same sources in 1898 . . . . .	704,003 73	480,593 65
an increase of gross income of . . . . .	\$51,622 44	
a decrease of net income of . . . . .		\$4,304 77

---

From Real Estate within the City there was an increase of . . . . . \$44,623 95  
 and from income of Stocks and Bonds, a decrease of 48,928 72  


---

 a net decrease from that part of the Girard Estate  
 within the City belonging to the Residuary Fund . \$4,304 77  


---

This is caused by charging the premium paid for bonds, &c., purchased, amounting to \$60,130.96, to expense account, the gross receipts from rents, &c., being \$43,610.47 greater than the previous year.

The receipts on account of the DELAWARE AVENUE FUND show a net decrease of \$5727.77, caused by a sale of assets to meet payments under the contracts for widening Delaware Avenue, which work is rapidly approaching completion.

The principal increase from rents, &c., is caused by the larger occupancy of the Stephen Girard Building, all but 10 per cent. of the space being rented.

An interesting item of the report states that \$233,478.43, nearly 70 per cent. of the net income from rents, is derived from the block of ground between Eleventh and Twelfth, Chestnut and Market Streets, a sum nearly one-half of the total expenditures for the maintenance of Girard College.

When considered in connection with the transfer of the College from this location to its present site, by codicil to the will of Mr. Girard, these figures become still more interesting.

Attention is called to the suggested alterations and improvements to the real estate in the eastern part of the city with a view to an eventual, and it is hoped an early, increase of income from these properties. Because of the changed conditions of centers of trade these buildings produce little revenue at present, but the prospects for an improvement in this direction appear promising.



The Girard lands in the southern part of the city will become income-producing shortly. Much has been done during 1899 in the matter of street improvements. Low lands have been filled, sewers built, water and gas pipes laid, and sidewalks and cartways curbed and paved.

The land lines have been straightened by exchange with the adjoining owners, or by purchase of other parcels of land, and everything points to an early day when these properties will be added to the revenue-producers of the estate, with a consequent enlargement of the operations of the College.

In addition to the work above indicated, considerable money has been wisely expended in making these neighborhoods pleasant to prospective tenants, by the planting of trees and by the completion of Girard Park at Twenty-first and Porter Streets.

The widening of Delaware Avenue to 150 feet is nearly completed and the street, so important to the future increasing commerce of Philadelphia, will soon be ready for a widening and a readjustment of the sidewalks, the laying of underground electric conduits, and for the repaving of the former roadway.

The question of railroad service is under consideration and it is expected that the several companies interested in the traffic incident to the harbor of the city will mutually agree to such an adjustment of tracks that the best service possible by rail may be rendered to the shipper, with the least possible interference with the general traffic.

All this should be done before the final repaving of the avenue.

The usual lighting, cleaning, &c., on the river front, including Water Street, and the removal of wooden buildings in other parts of the city, as prescribed by this Fund, has been continued during the year.

The assets of the DELAWARE AVENUE FUND  
 amount to . . . . . \$796,506 07  
 as follows :  
 Principal . . . . . \$500,000 00  
 Accumulated income . . . . . 296,506 07

The estimated annual income, after the completion  
 of the present contracts is . . . . . \$23,000 00  
 and the annual expenditure for current work is esti-  
 mated at . . . . . 20,000 00

This leaves but . . . . . \$3,000 00  
 of excess of current income and . . . . . 296,500 00  
 of accumulated income for further permanent im-  
 provements.

The FIRE INSURANCE FUND is slowly increasing.

The assets amount to . . . . . \$34,226 55  
 and the amount in risk to . . . . . 817,100 00

During the year the Girard Estate paid the city  
 for water rents . . . . . 6,561 00  
 and for taxes . . . . . 101,992 14  
 an increase over the year 1898 . . . . . \$1,454 01

The report of the SUPERINTENDENT (*Appendix A*), with the  
 report of the ENGINEER OF THE GIRARD ESTATE IN SCHUYLKILL  
 AND COLUMBIA COUNTIES (*Appendix B*), and the appended  
 reports, give a full account of the important operations in  
 connection with the Girard lands in these counties.

The total receipts from Real Estate outside the City of  
 Philadelphia were :

	Gross.	Net.
In 1898 . . . . .	\$515,038 34	\$451,779 26
In 1899 . . . . .	<u>500,828 69</u>	<u>428,260 95</u>
Decrease . . . . .	<u>\$14,209 65</u>	<u>\$23,518 31</u>

The total shipments of anthracite coal from the collieries in the State of Pennsylvania were 47,665,204 tons, an increase over the shipments of 1898 of 5,765,453 tons. The shipments from the Girard Estate were 1,215,029 tons, an increase over the previous year of 13,845 tons.

The total coal mined was . . . . . 1,403,080 tons.  
Of this there were consumed in operating . . . 188,051 "

The percentage of the different sizes of coal shipped, compared with previous years, is as follows :

Year	Large Per cent.	Chestnut Per cent.	Pea Per cent.	Buckwheat Per cent.	Rice Per cent.	Per cent.
1863 . .	90.00	10.00	. .	. .	. .	100
1867 . .	87.49	12.17	.34	. .	. .	100
1878 . .	77.22	12.52	10.19	.07	. .	100
1895 . .	50.64	20.31	11.51	16.54	1.00	100
1899 . .	43.73	22.61	13.10	17.51	3.05	100

The largest shipment from one breaker was again by the William Penn Coal Company, 222,308 tons.

The following collieries increased their shipments, and in the order named:

Packer No. 1, Packer No. 3, Hammond, William Penn, and Kehley's Run.

The other collieries shipped less than in 1898, in the following order:

Packers Nos. 2 and 4, Continental-North Ashland, and Bear Ridge, East and West.

There were two mine fires during the year, one in Packer No. 3 Colliery, the other in Kehley's Run Colliery, the latter being quite serious, but extinguished by prompt and efficient action. Details are given in the Engineer's report.

All the colliery improvements under and above ground are reported in good condition for large shipments. Six and one-quarter miles of new gangway were driven, and the necessary "dead work" was kept well ahead of mining operations.

The expiration of the leases to mine coal and their renewal was fully reported a year ago, and the results, then indicated, of reduced income caused by the reduction in the rates of royalties, are shown by the reports for 1899.

All the collieries are now working under the new leases, reducing the income from coal mined from an average royalty of 42 cents to 32 cents per ton.

As seven of the nine leases worked under these conditions during the whole of the year 1899, the other two paying the new rates only from January 1st, 1900, there can be no increase, during the next fourteen years, of income from this source except what may arise from an increased output of coal, and our net revenue from the coal lands may hereafter be estimated at not exceeding \$450,000 per annum.

The net income derived from the mining property being a portion of the Capital Fund of the Estate, is set aside for reinvestment, and any future extension of the work of Girard College must be paid for from the increased income from these reinvestments and from the increasing receipts of the Estate in Philadelphia. The latter receipts will, of course, be increased should the demand for houses in the southern part of the city justify an expenditure in the improvement of that property, of the sum received from royalties for coal.

The repayment of the sums of \$20,000 retained from royalties under the original five-year leases to aid the operators in the erection of breakers and machinery, is progressing satisfactorily, the payments in the past and in previous years having reduced the \$189,812.10 due to \$116,620.12.

The first of the leases, Connor Colliery, was made in 1863, and its total shipments have been 5,512,307 tons. The total shipments from all the collieries, and from the washeries during the thirty-seven years of their operation, amounted to 37,795,003 tons.

Work upon the seven farms on the Girard lands in the Cat-awissa Valley is progressing slowly but steadily. Of the 717 acres leased, 402 acres are under cultivation. The crops are improving in quantity and in quality, and our tenants find a ready market for their produce.

The planting of trees along the water courses upon the Girard Estate continues—31,500 having been added to the 220,550 named in the report for last year.

Forest fires have been made less disastrous, even if not less frequent, by the opening of fire roads, but over 5000 acres of our land were burned over in April and May of last year, causing estimated damage to our growing timber of \$9967.50, with a total loss of \$34,068 from this cause during the past three years.

The report of Mr. Henry L. Graves, Superintendent of Working Plans, Division of Forestry, Department of Agriculture, Washington, D. C., from which large extracts are printed in the report of our Engineer, places the question of planting trees upon the Girard Estate in an entirely new light. His conclusion is that artificial restocking of our timber lands cannot be made commercially profitable, and that it should be continued only for the immediate conservation of the water supply of the lands. He suggests that the condition of the new growth shows that the ground has the power to recover its normal condition, and that with the proper clearing of underbrush and the exclusion of fires, the natural growth would be more satisfactory, and much more profitable in the end, than the trees artificially planted.

The financial calculations are interesting and, based upon these, the whole subject will have a new consideration by our Board and its executive officers.

We shall be pardoned for reprinting here Mr. Graves's acknowledgment of our work in forest culture :

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The Company charges each consumer a minimum rate of \$50 for one million gallons or less per month, and at the rate of \$100 per million for all in excess of the first million.

The price during the year 1899 averaged \$80.60 per million gallons, an increase of 60 cents per million gallons over 1898.

The weather records kept at the reservoirs of the Company show a total precipitation for the twelve months ending December 31st, 1899, of . . . . . 52.13 inches  
Average for 12 years preceding . . . . . 55.35 "

A deficiency of . . . . . 3.22 "

The greatest precipitation was in August . . . . . 7.40 "

and the least " " October . . . . . 1.02 "

There was rain or snow fall on . . . . . 106 days  
the greatest number being in February . . . . . 14 "

The total receipts of the Company were :

For Water-rents . . . . .	\$19,708 10
For Ice-cutting Privileges . . . . .	148 31
Miscellaneous . . . . .	62 45
	<u>\$19,918 86</u>

which was expended as follows :

Rent of Pipe-lines . . . . .	\$7,000 00
Repairs to houses and stables . . . . .	1,013 95
Repairs to reservoirs . . . . .	19 80
General improvements . . . . .	114 93
Stationery and miscellaneous expenses . . . . .	590 53
Taxes . . . . .	1,000 00
Salaries . . . . .	840 00
Dividends . . . . .	7,980 00
Total . . . . .	<u>18,559 21</u>
Balance to Profit and Loss . . . . .	<u>\$1,359 65</u>

The number of water leases is :

Collieries and washeries . . . . .	12
Railroad and traction companies . . . . .	2
Boroughs . . . . .	1
Water companies . . . . .	1
Stores and dwelling houses . . . . .	4
	<u>20</u>

The total water furnished consumers during the fifteen years of the Company's existence was 2,565,725,278 gallons.

The only general improvements made during the year were the building of a stone kitchen addition to the watchman's house at Reservoir No. 4, and the instalment of hot-water heating apparatus in the watchmen's houses at both reservoirs. With the temperature frequently below zero, sometimes as much as 25 degrees, the latter improvement was a great comfort to the families of our officials.

The report of the SUPERINTENDENT OF MINOR TRUSTS (*Appendix F*) gives the usual details of the receipts and expenditures of the thirty-five separate trusts constituting this branch of the work of our Board.

The purposes and objects of these many legacies are so positively defined by the several testators, the investments fixed and the incomes therefrom established, and the expenditures controlled by the receipts, that the successive annual reports are necessarily of the same general tenor and there is but little to be added to the transcript from our cash books.

The total capital of all the trusts is . . . . . \$1,291,010 53

The current income was . . . . . \$52,163 25

and the receipts from legacies, donations, &c. . . . . \$14,354 25



The principal expenditures were :

Wills Hospital . . . . .	\$17,568 81
Mary Shields Almshouse Fund . . . . .	5,039 89
Fuel Funds . . . . .	8,898 12
Food—Bread and soup . . . . .	924 50
Books, medals, &c., including annual payment to the Southwark Library from the Grover Estate . . . . .	1,308 77
Simon Muhr Scholarships . . . . .	1,605 00

The total cost of the administration of all the Minor Trusts was \$2609.28, a material increase over the previous year, caused by the readjustment of the general expenses of the Board, and of a proportionate charge to the several trusts.

From the income of the twelve FUEL FUNDS, 2133 tons of coal were distributed under the personal direction of the members of the Board, and the income from the FOOD FUNDS was distributed among nine soup societies of our city.

Of the coal, 1122 tons were paid for from the income of the Thomas D. Grover Fund. The conditions of this Trust limit the distribution "among white widows of respectable character, who are housekeepers or roomkeepers, born within the limits of the United States of America, whose husbands shall have died within the present defined boundaries of the district of Southwark."

The coal purchased by the other trusts is distributed as follows :

1	in the former district of Spring Garden . . . . .	33½ tons.
1	" " " the Northern Liberties . . . . .	55 "
4	" Old city of Philadelphia . . . . .	358½ "
5	" present city of Philadelphia . . . . .	564 "
	Total . . . . .	1,011 "

The sum of \$924.50 was paid to nine soup societies from the income of the four SOUP TRUSTS.

The expenditure of the income from the SCHOOL FUNDS represents 580 new books purchased for the six Grammar Schools of the (old) city of Philadelphia and \$300 paid to the Southwark Library Company.

The SIMON MUHR FUND received from the third distribution by the executors of the will of Simon Muhr, deceased, the additional sum of \$14,000 to the Capital Fund, and because of the increased income two additional scholarships were awarded, one in the course of Arts and Sciences and one in the course of Biology of the University of Pennsylvania.

This increases the scholarships under this Trust to six, three young men and one young woman in the University of Pennsylvania, and two young women in Bryn Mawr College.

At the commencement of the Girls' High School, one gold medal and one silver medal were awarded in each of the following courses :

Classical Course,  
General " "  
Commercial " "

making six medals awarded from the HANNAH M. DODD FUND.

No loans were applied for " by young married artificers, &c." under the JOHN SCOTT or the DR. BENJAMIN FRANKLIN FUNDS.

The latter Fund now amounts to \$130,146.14, of which sum \$99,348.20 awaits the erection of the proposed art gallery in Fairmount Park.

Upon the recommendation of the Franklin Institute four medals and premiums were awarded from the income of the JOHN SCOTT MEDAL FUND to "ingenious men" for "useful inventions."

The report of the Visiting Physician employed by us in connection with the MARY SHIELDS ALMSHOUSE FUND states that during the year 1899 there were made by the insane patients,

from material furnished by the income of this Fund, 994 mattresses and 297 pillows. All of these were used in the general hospital and in the insane department of that institution.

This work is not merely of service from a financial standpoint, but it is of great benefit to the mentally unsound by giving them employment.

The usual expenditures for furniture, pictures, books, games, and general amusements, and for improvement in diet, were also made, the total payments for these objects being \$5039.89.

The BOUDINOT ESTATE suffered serious damage from a fire, burning over 2300 acres of land and destroying all the young timber, an estimated loss of \$3000.

Our efforts to protect property by establishing fire roads have been reasonably successful, and with the experience gained from this last fire it will be possible to make them still more effective.

We shall be much helped in our plans by the action of the Commonwealth of Pennsylvania in becoming the owner of 40,000 acres of land adjoining ours on the east. This has been done since the close of our fiscal year, under the law establishing "State Forest Reserves."

The plans for the management of this large tract of land will be developed during the current year and they will, no doubt, be on the general lines adopted for the Boudinot Estate, which consists of 10,998 acres.

A detailed statement of the finances and of the work of the WILLS HOSPITAL is found in the report of the Superintendent of Minor Trusts (*Appendix F*) and in the report of the SURGICAL STAFF (*Appendix G*). These show

1st, that the number of patients treated was greater than in any previous year, as follows:

	1898.	1899.	Increase.
House patients . . . .	661	681	20
Clinic patients . . . .	12,587	13,103	516
Total . . . . .	13,248	13,784	536

and 2d, that the current receipts were smaller and the current expenditures larger than in the preceding year, as follows:

	Receipts.	Expenditures.	
1898 . . . . .	\$19,884 52	\$16,617 95	
1899 . . . . .	19,322 17	17,568 81	
Decrease . . .	<u>\$562 35</u>	<u>\$950 86</u>	Increase.

An increase in work and a decrease in means cannot be long continued, and it is hoped that a request for State aid will not again be refused, especially when our records show that the number of house patients from the interior counties is nearly equal to those received from Philadelphia.

Our needs continue as in previous years and it appears impossible to meet them except by an appropriation from the State Treasury.

Our receipts from legacies amounted to . . . \$326 25  
and from other donations to . . . . . 28 00

The Superintendent also submits a list of donations of supplies, which list could be materially increased with advantage to the comfort and the pleasure of the patients in the Hospital.

The following changes have occurred during the year in the Surgical Staff of the institution:

Dr. T. E. Conard, assistant to Dr. P. N. K. Schwenk, resigned, and Dr. Burton K. Chance was appointed to fill the vacancy.

Drs. Charles Lukens and Walter Bair Weidler were appointed Resident Surgeons in place of Drs. Frank A. Ford and Albert C. Snell, whose terms had expired.

The medical and surgical work of the Hospital is summarized as follows:

The number of new patients treated in 1899 at  
Clinics was . . . . . 13,103  
In the Wards . . . . . 646  
Total . . . . . 13,749

---

The number of visits of patients to Clinics was	44,770
The number of operations performed was	3,761
For cataract	246
Admitted as House patients, resident in Philadelphia	277
Resident elsewhere	369
Total	646

---

The House patients are classified as follows :

	Males.	Females.	Total.
Number on January 1st, 1899 .	20	15	35
Admitted 1899 . . . . .	432	214	646
	452	229	681
Discharged 1899 . . . . .	425	215	640
Remaining December 13, 1899 .	27	14	41

---

The discharges were as follows :

Cured . . . . .	402
Improved . . . . .	198
Unimproved . . . . .	31
Died . . . . .	2
Not treated . . . . .	7
	640

---

The total number of patients treated at Clinics is classified as follows :

From 54 of the 67 counties of the State . . . . .	11,875
" 22 other States . . . . .	1,228
Total . . . . .	13,103

---

Of those admitted as House patients, there came from 44 counties of the State . . . . .	551
From 9 other States . . . . .	95
Total . . . . .	646

---

The nativity of all the patients admitted to wards, or treated at Clinics, is classified as follows :

United States . . . . .	9,549
Ireland . . . . .	1,555
Germany . . . . .	893
England . . . . .	518
Russia . . . . .	415
Italy . . . . .	154
Austria . . . . .	127
Scotland . . . . .	112
27 other countries . . . . .	426
Total . . . . .	<u>13,749</u>

Thirty years ago "all and singular the duties, rights and powers of the City of Philadelphia concerning all property and estate whatsoever dedicated to charitable uses or trusts, the charge or administration of which are now or shall hereafter become vested or confided to the city of Philadelphia" were placed under the care of the Board of Directors of City Trusts.

During these years the trusts have increased in number and, in a still larger measure, in extent of income and of usefulness.

Of the gentlemen then constituting this Board by appointment, or by virtue of official position, but two are members at this time and only one by continuous service. Death, resignation, and expiration of term of office of the *ex-officio* members have changed the membership, but not the Board or its plans.

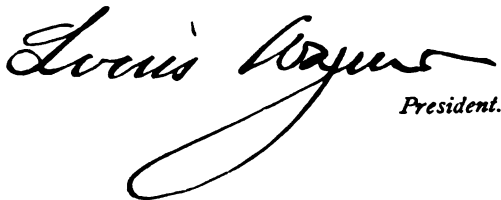
The results of the thirty years justify the change of administration made in 1869.

The Girard College, the chief of the trusts, has increased in its roll of scholars from 535 in 1870 to 1529 in 1899, and its officers, teachers and employees, from about 100 to 398, and its expenditures have increased from \$155,524.26 to \$483,339.57.

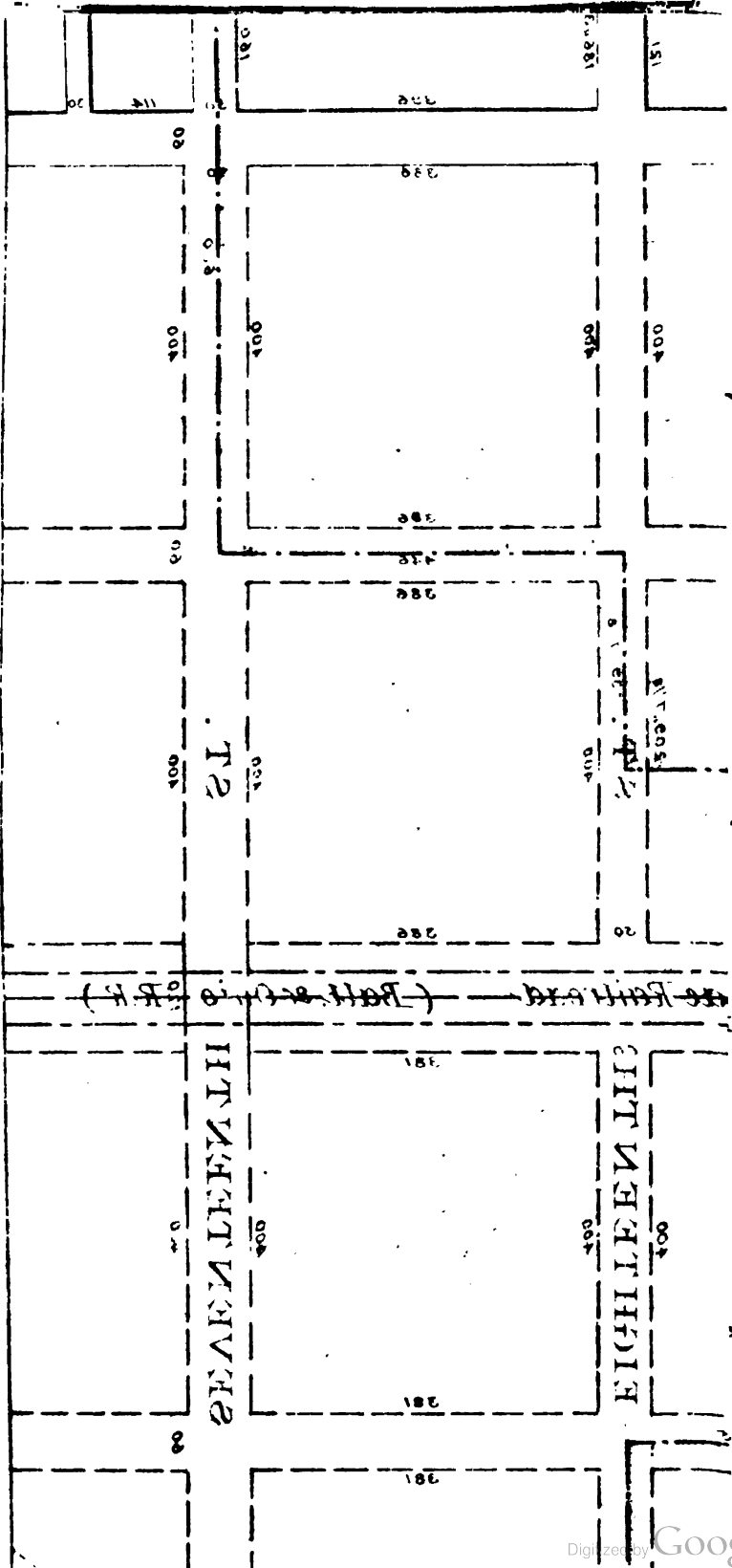
To meet this increase, the receipts of the Girard Estate have increased from \$381,044.19 in 1870 to \$1,256,045.86 in 1899, and its total assets from about \$4,500,000 to \$15,958,293.

In the affairs of the other trusts, "minor" in extent but not in importance, equal progress has been made, and we submit our thirtieth annual report to the authorities of the City and of the Commonwealth, in the belief that the several duties and responsibilities placed upon us by law, and by the many wills creating the trusts under our care, have been met and discharged in a satisfactory manner.

On behalf of the Board of Directors of City Trusts,

  
President.

PHILADELPHIA, January 2d, 1900.





# INTENTION

## APPENDIX A.

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### REPORT OF THE SUPERINTENDENT

OF THE

### GIRARD ESTATE

FOR THE YEAR ENDED DECEMBER 31, 1899.

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### OFFICERS OF THE GIRARD ESTATE.

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#### GENERAL.

SUPERINTENDENT . . . . . GEORGE E. KIRKPATRICK.  
SOLICITOR . . . . . FRANCIS E. BREWSTER.  
ARCHITECT . . . . . JAMES H. WINDRIM.

#### REAL ESTATE IN SCHUYLKILL AND COLUMBIA COUNTIES.

ENGINEER . . . . . HEBER S. THOMPSON, Pottsville.  
SOLICITOR . . . . . SAMUEL H. KAERCHER, Pottsville.  
ASSISTANT SUPERINTENDENT . . . . . EMIL C. WAGNER, Girardville.  
MINE INSPECTOR . . . . . JOHN B. GRANGER, Girardville.

# GIRARD ESTATE.

## SUPERINTENDENT'S REPORT FOR 1899.

*To the Board of Directors of City Trusts.*

GENTLEMEN:—The Cash Receipts and Payments of the Girard Estate—Residuary and Delaware Avenue Funds—for the year 1899, and the comparison of these figures with those of the year 1898, are as follows :

GROSS RECEIPTS.	1898.	1899.	INCREASE.	DECREASE.
Real estate, outside of the city . . . .	\$515,038 34	\$500,828 69		\$14,209 65
Real estate within the city . . . . .	512,178 84	555,789 31	\$43,610 47	
Stocks and loans—Residuary . . . .	191,824 89	199,836 86	8,011 97	
Stocks, loans, &c., Delaware Avenue,	48,179 94	42,829 79		5,350 15
	<u>\$1,267,222 01</u>	<u>\$1,299,284 65</u>	<u>\$51,622 44</u>	<u>\$19,559 80</u>
Total increase . .	32,062 64			32,062 64
	<u>\$1,299,284 65</u>	<u>\$1,299,284 65</u>	<u>\$52,162 44</u>	<u>\$51,622 44</u>
NET RECEIPTS.	1898.	1899.	INCREASE.	DECREASE.
Real estate, outside of the city . . . .	\$451,779 26	\$428,260 95		\$23,518 31
Real estate within the city . . . . .	292,592 90	337,216 85	\$44,623 95	
Stocks and loans—Residuary . . . .	188,000 75	139,072 03		48,928 72
Stocks and loans, &c., Delaware Avenue,	46,837 94	41,110 17		5,727 77
	<u>\$979,210 85</u>	<u>\$945,660 00</u>	<u>\$44,623 95</u>	<u>\$78,174 80</u>
General office expenses . . . . .	31,562 01	32,032 67	470 66	
	<u>\$947,648 84</u>	<u>\$913,627 33</u>	<u>\$44,153 29</u>	<u>\$78,174 80</u>
Net decrease . .		34,021 51	34,021 51	
	<u>\$947,648 84</u>	<u>\$947,648 84</u>	<u>\$78,174 80</u>	<u>\$78,174 80</u>

Further analysis of these figures, shows this decrease of net income to be made up of:

Reduction of gross receipts from real estate out of city . . . . .	\$14,209 65	
Reduction of gross receipts from stocks and loans, Delaware Avenue Fund . . . . .	5,350 15	
Increase of expenses of real estate out of the city . . . . .	9,308 66	
Increase of expenses of stocks and loans, Residuary Fund . . . . .	56,940 69	
Increase of expenses of stocks, loans, &c., Delaware Avenue Fund . . . . .	377 62	
Increase of expenses of general office . . . . .	470 66	
		\$86,657 43
Less:—		
Increase of gross receipts from real estate within the city . . . . .	\$43,610 47	
Increase of gross receipts from stocks and loans, Residuary . . . . .	8,011 97	
Decrease of expenses of real estate within the city . . . . .	1,013 48	
		52,635 92
Decrease of total net receipts . . . . .		<u>\$34,021 51</u>

The decrease in receipts from real estate outside of the city—gross, \$14,209.65, and net \$23,518.31—is caused principally by the reduction, in the new colliery leases which went into effect on January 1st, 1899, of the rates of royalty on coal mined and shipped—the rates under the new leases averaging thirty-two cents, while those under the old leases averaged forty-two and a quarter cents per ton. This reduction in the rate of royalty, however, did not affect the entire receipts of 1899, two of the most active leases continuing under the old rates of royalty throughout the year. A comparison between the receipts of the two years is further complicated by the increased collections on account of sums loaned by the Girard Estate to colliery operators, to assist in the erection of colliery improvements; by the fact that all cash collections in January, 1899, were for coal mined under the old leases at the higher rates of royalty, and by a change in the time of collecting taxes on colliery improvements which under the terms of the leases are paid by the Girard Estate but refunded to the Estate by the colliery lessees.

To facilitate the comparison of the two years, I have further analyzed the cash transactions in this department and have tabulated them as follows:—

## CASH RECEIPTS FROM GIRARD ESTATE WITHOUT THE CITY.

	1898.	1899.	INCREASE.	DECREASE.
Royalty from coal shipped under old colliery leases . . .	\$482,612 30	\$211,649 01		\$270,963 29
Under new colliery leases . . . . .		227,782 46	227,782 46	
Under washery leases . . . . .	4,426 32	2,654 22		1,772 10
Advances for improvements, returned . .	4,458 24	34,718 78	30,260 54	
Tolls through Girard Tunnel, East Bear Ridge . . . . .	3,421 55	376 81		3,044 74
House and ground rents under colliery leases . . . .	8,845 80	6,624 36		2,221 44
Rent of water pipe lines . . . . .	3,000 00	7,000 00	4,000 00	
Sale of timber . . . .	1,928 83	2,374 12	445 29	
Surface rentals, lot sales, interest, and miscellaneous items,	6,345 30	7,648 93	1,303 63	
	<u>\$515,038 34</u>	<u>\$500,828 69</u>	<u>\$263,791 92</u>	<u>\$278,001 57</u>
Decrease . . . . .		14,209 65	14,209 65	
	<u>\$515,038 34</u>	<u>\$515,038 34</u>	<u>\$278,001 57</u>	<u>\$278,001 57</u>

## CASH PAYMENTS FOR GIRARD ESTATE WITHOUT THE CITY.

	1898.	1899.	Increase.	Decrease.
Taxes . . . . .	\$43,275 11	\$42,850 67		\$424 44
Refunded by lessees,	12,101 90	5,304 69		6,797 21
Net . . . . .	\$31,173 21	\$37,545 98	\$6,372 77	
Water pipe lines . .	1,245 75	3,071 02	1,825 27	
Forest culture . . . .	645 29	706 49	61 20	
Real estate, repairs, and improvements .	4,437 25	5,069 36	632 11	
Miscellaneous Expenses . . . . .	9,397 58	9,754 89	357 31	
Salaries . . . . .	16,360 00	16,420 00	60 00	
	<u>\$63,259 08</u>	<u>\$72,567 74</u>	<u>\$9,308 66</u>	

As before stated, the decrease in royalty collected, is attributable to the change of rate under the new leases. The increase in the sum collected on account of advances for colliery improvements is due to the fact that, under the new form of colliery lease a systematic repayment of these advances is required ; and, further, to the repayment of the entire amount of \$20,000 so advanced at North Ashland Colliery, on the occasion of the surrender of that lease by the Philadelphia and Reading Coal and Iron Company. Under the expired lease of East Bear Ridge Colliery, toll at the rate of four cents per ton was charged by the Girard Estate upon all coal passing out of that colliery through the Girard Tunnel. Under the new lease, the payment of this toll was not continued ; hence, the small collection from this source in 1899, being the toll for the month of December, 1898 only. The increase of \$4,000 in the sum received from rent of water pipe lines is not an indication of increased earnings, the rental charged in each year being the same, \$5,000, the difference in rental collected being caused by a delay in the collection of \$2,000 of the rental of 1898 until after January 1st, 1899.

In the statement of cash payments, the most important item of increased expense is that of net taxes, the cause of which is to be found in the change whereby the time of refunding by the lessees of taxes for the current year upon colliery improvements was changed from January of the next following year to December of the current year. In 1898, as a result of this change, taxes were refunded covering two years—for 1897 in January, and for 1898 in December of that year—and, as a consequence, the year 1899 suffers in the comparison.

In making settlement with the Girard Estate, on the surrender of its mining lease of North Ashland Colliery, the Philadelphia and Reading Coal and Iron Company repaid in full the sum of \$20,000, advanced by the Girard Estate between 1864 and 1868, to assist in defraying the expense of opening that colliery, then known as Sputh Big Mine Run Colliery, and later as Union Colliery. Under the terms of the new colliery leases, the lessees are required to make monthly payments on account of sums advanced by the Girard Estate in this manner, these repayments being proportioned to the tonnage shipped, but to be not less than a fixed sum each month. Under this arrangement the sum of \$14,718.78 has been collected in the year 1899.

in addition to the \$20,000 referred to above, reducing the amount due to the Girard Estate on this account to \$116,620.12.

When these sums are collected from the colliery lessees, they are included with the royalty receipts—for the reason that they are truly deferred collections of royalty—the so-called “advances” having been made by permitting bills for royalty then due to remain uncollected.

On application of Mr. B. F. Bertolet, lessee of the washery privilege on the Girard Colliery culm banks, this lease was determined on February 16th, 1899, and a new lease of this right was granted to Messrs. Tyler, McTurk & Co. for a term of five years from March 1st, 1899.

Messrs. Tyler, McTurk & Co. have also entered into an agreement for the reopening and operating of Girard Colliery, excepting from the lease the Mammoth and Skidmore Beds and all those portions of other beds lying below the present lowest water-level tunnel. This lease covers a term of fourteen years from January 1st, 1900.

In compliance with the request of Mr. Jed I. Hollenbeck, lessee of the mining right on the John Blackey and Thomas Paschal Tracts, consent has been granted for the assignment of this lease to the Philadelphia and Reading Coal and Iron Company.

A lease of the privilege of preparing and shipping to market the coal in the culm banks of William Penn Colliery has been entered into with Mr. J. N. Thomas, of Pittston, Pa., covering a term of five years from July 1st, 1899. Since the execution of this agreement, Mr. Thomas, with the consent of the lessor, has negotiated its transfer to the North American Coal Company.

Details of these and other matters relative to the Girard Estate in Schuylkill and Columbia Counties will be found in the report of the Engineer (*Appendix B*).

From Real Estate within the city a large increase, both in gross and in net cash receipts, is shown. The cause of the in-

crease in the gross income—\$43,610.47—is to be found mainly in the increased receipts from the Stephen Girard Building. In 1898 the gross revenue from the Stephen Girard Building amounted to \$74,068.82, while in 1899 this was \$115,343.31—an increase of \$41,274.49. The net revenue in 1898 was \$5,378.92, and in 1899, \$33,870.44, the expenses of both these years including extraordinary items expended in the equipment of the building which will not be repeated in so large an amount in future years, the sum so expended in 1898 being \$15,364.74, and in 1899, \$5,248.91. Omitting these items of expense, the net receipts from the Stephen Girard Building in the two years were \$20,743.66 and \$39,119.36, respectively.

As is to be expected, in view of the recent large expenditures upon the improvement of the real estate within the city, the income collected in 1899 was more than that of any previous year, the greatest rental heretofore collected being that of 1894, which amounted to \$322,054.99 net.

It may be of interest to note that, of the above-mentioned net income of \$337,216.85, nearly 70 per cent. (.6924) is derived from property in the block between Market, Chestnut, Eleventh, and Twelfth Streets, upon which tract of land Mr. Girard originally intended the Girard College buildings to be erected. The net income thus collected in 1899 was :—

From 1120-1142 Market Street (N. Snellenburg & Co.) . . .	\$78,916 87
" 1100-1114 " " (Hood, Foulkrod & Co.) . .	43,827 79
" 19-25 South Twelfth Street (Stephen Girard Building),	33,870 44
" 1101-1131 Chestnut Street (sundry tenants) . . . . .	65,754 99
" 1100-1124 Girard Street (sundry tenants) . . . . .	11,108 34
Total . . . . .	\$233,478 43

In the Stephen Girard Building the proportion of the building leased and earning income—which on January 1st, 1899, was 78 per cent.—increased gradually during the year, reaching 91 $\frac{3}{10}$  per cent. on December 1st, but dropping by reason of changes in tenancy to 88 $\frac{7}{10}$  per cent. at the close of the year, with, however, new leases under negotiation which are reasonably sure to bring the proportion up to 92 per cent. during the month of January, 1900. The average proportion earning income during the year—as indicated by the gross rental collected—was 86 $\frac{8}{10}$



per cent. An analysis of the cash receipts and payments on account of this building shows :—

RECEIPTS.		
Rental of offices . . . . .	\$92,311	11
Net income from power plant . . . . .	2,352	31
Sundries . . . . .	1,504	87
		<u>\$96,168 29</u>
EXPENDITURES.		
Taxes . . . . .	\$12,328	40
Light and electric power . . . . .	4,923	90
Elevator service . . . . .	7,020	01
Water supply . . . . .	1,375	11
Heating and miscellaneous steam power . . . . .	4,179	16
Cleaning . . . . .	7,869	94
Insurance . . . . .	10,574	76
Watchmen . . . . .	1,080	00
Repairs to building . . . . .	2,448	95
Law Library :—		
Books . . . . .	\$3,162	90
Expenses . . . . .	1,410	00
		<u>4,572 90</u>
Furniture . . . . .	1,330	96
Fitting up machine shop . . . . .	755	05
Reserve coal supply . . . . .	1,750	00
Sundries . . . . .	2,088	71
		<u>62,297 85</u>
Net Income . . . . .	\$33,870	44

Among the items of expense above stated will be noticed \$10,574.76 for insurance. This covers the premium on \$310,000 perpetual fire insurance policies, \$190,000 five-year term policies beside plate glass and casualty insurance.

The principal additions and improvements made to the building and its equipment during the year are, two additional water filters installed, an additional air compressor for operating elevator gates,—additional tanks for the storage of water, 33,900 gallons on the fourteenth floor, and 47,000 gallons in the basement—an equipment of sprinkler heads on the skylight above the light well, to check the spread of fire from floor to floor, in the event of its obtaining headway on any floor—an outside stairway leading down from Girard Street into the barber shop,—a small engine and electric generator for the economical supplying

of electricity under a very light load,—and a lathe and drill press for convenience in making repairs. One thousand and eight volumes have been added to the Law Library, making the total number of volumes in the Library at this time 2505.

From the contract for supplying heat, light, and power in the building 1120-1142 Market Street, a reasonable profit has been derived, the lessees have been saved considerable expense, and the discharge of smoke and gas from the chimneys of that building, in proximity to the north windows of the upper floors of the Stephen Girard Building, has been avoided.

That portion of the office building 433-437 Chestnut Street, which was formerly occupied by the People's Bank—a large banking room in the rear of the first floor, has been renovated and rented to Messrs. Dick Bros. & Co. under a lease covering three years. This building, a pioneer among office buildings, is very poorly fitted for modern use, and its general refitting is now under consideration. Preparatory to this work, or rather as a portion of this work made more urgent through the leasing to Messrs. Dick Bros. & Co., an additional boiler of sixty-horse power has been installed and the steam heating of the banking room and of the eastern half of the main building has been revised, direct radiation being substituted for the indirect system heretofore in use. The plans of improvement under consideration contemplate an additional light well, modern elevators, a new stairway, and the abandonment of the present stairway in the front of the building, thus making room for a number of valuable offices.

The group of buildings on the southwest corner of Third and Chestnut Streets is each year becoming capable of earning less income; the necessity of a general improvement of this property by the erection of a modern building thereon is steadily becoming more pressing. This improvement was under consideration some four years ago, but was set aside by the more attractive work upon the Stephen Girard Building. Plans and specifications are once more under consideration by the Committee on Girard Estate Within the City, and it is probable that this improvement will be begun in the early part of the coming year.

Improvements, preparatory to the erection of buildings upon the property of the Girard Estate in the southern part of the city, are steadily progressing.

The cartway of Ritner Street between Third and Fourth Streets has been paved and curbed and the public sewer laid. The Girard Estate owns a narrow frontage, about twenty feet, on the south side of this street, being the extreme northern boundary of the property of the estate, in this locality.

West of Broad Street public improvements are being rapidly extended. Nineteenth Street has been opened to public use from Ritner to Porter. Curbing has been set on Porter Street, both sides, from Seventeenth Street to Penrose Ferry Road, on the west side of Seventeenth Street and on both sides of Eighteenth Street from Porter to Shunk, on Roseberry Street, south side, from Eighteenth Street to Nineteenth Street, and on Eighteenth Street north of Porter to the northern boundary of the Estate.

Sewers have been laid on Porter Street from Eighteenth Street to Penrose Ferry Road, and on Roseberry Street from Eighteenth to Nineteenth Street. Porter Street, from Eighteenth Street to Penrose Ferry Road, has been paved with asphaltum block. This work was done without the concurrence of the Girard Estate ; the material is of an undesirable character and very poor of its kind, and is laid in a rough and uneven manner. Efforts are being made to remedy these evils.

Water pipes have been laid on Porter Street from Eighteenth Street to Penrose Ferry Road, and on Eighteenth and Nineteenth Streets north from Porter Street to the northern boundary of the Estate, and on Roseberry Street from Eighteenth to Nineteenth Street.

One hundred and fifty trees, Norway maples, have been purchased for planting upon the sidewalks of Porter, Eighteenth, and Nineteenth Streets, and will be set in place as soon as the weather permits.

A plan showing that portion of the property of the Girard Estate lying between Jackson and Packer, Seventeenth and Twenty-third Streets, on the northern portion of which the municipal improvements above referred to are being made, and including the Girard Park ; has been prepared and appended to this report.

Grading of the low land in the vicinity of Eighteenth and Shunk Streets has continued during the year and reasonable progress has been made in this work.

At Girard Park, the principal work done during the year was the raising of grass upon the plots laid out for this purpose, and the clearing of these plots from weeds and wild grass. This latter task was one of no small magnitude, requiring for three months the constant services of twelve men. The result, however, was thoroughly satisfactory, the grass plots finally presenting a most handsome appearance. Of the trees planted a few have died and been replaced by new ones, but most are making satisfactory growth.

With the permission of the court, a tract of land containing  $14\frac{7887}{10000}$  acres, lying on the north side of Magazine Lane, west of Penrose Ferry Road, has been purchased at public sale from Mr. William Stinson, at a total cost, including all expenses, of \$35,776.47. This tract, irregular in shape, adjoined the property of the Girard Estate upon seven of its boundaries, and in making this purchase, besides doing away with these irregular boundaries and avoiding the necessity of extensive squaring of lines, the Estate has obtained an investment which will, without reasonable doubt, prove quite lucrative.

In constructing its branch line to League Island, the Pennsylvania Railroad Company has taken from the Girard Estate a strip of land containing three acres, part of Farm No. 11, in the vicinity of Girard Point. The damages are now being determined by a jury of view.

The increase in gross receipts from stocks and loans belonging to the Residuary Fund is the natural result of the growth in the amount of funds invested in this class of securities, such investments having been resumed as soon as the demand for funds to pay for the recent real estate improvements had slackened. In the item of premiums on bonds purchased—for simplicity and convenience included among the expenses of this department—is found the cause of the large increase in such expenses—\$56,940.69. The premiums paid on bonds purchased in 1899 amounted to \$60,130.96, while in 1898 this was only \$3,766.54.

The average number of pupils maintained at Girard College during the year, December 1st, 1898, to November 30th, 1899, was 1518, and the cost of their maintenance during this period

(the cash expenditure of the calendar year 1899) was \$318.40 *per capita*, made up as follows :—

## HOUSEHOLD.

Wages . . . . .	\$48 90	
Subsistence . . . . .	77 91	
Clothing . . . . .	30 10	
Dry goods . . . . .	6 28	
Furniture . . . . .	4 82	
Repairs . . . . .	16 80	
Grounds . . . . .	4 54	
Lighting . . . . .	3 42	
Fuel . . . . .	19 11	
Water rent . . . . .	60	
Laundry supplies . . . . .	3 99	
Salaries . . . . .	21 82	
Incidentals . . . . .	6 21	
		\$244 50

## INFIRMARY.

Salaries . . . . .	\$3 08	
Maintenance . . . . .	5 06	
		8 14

## INSTRUCTION.

Salaries . . . . .	\$44 44	
Books, stationery, &c. . . . .	5 16	
Chemical laboratory . . . . .	28	
School and chapel furniture . . . . .	1 09	
School and philosophical apparatus . . . . .	29	
Department of Natural History . . . . .	24	
Library books and binding . . . . .	39	
		51 89

## MECHANICAL INSTRUCTION.

Salaries . . . . .	\$8 46	
Incidentals, supplies, &c. . . . .	2 82	
		11 28

## ADMISSION, DISCIPLINE, &amp;c.

Salaries and expenses . . . . .	\$2 06	
Rewards and premiums . . . . .	53	
		2 59
		<u>\$318 40</u>

The assets of the FIRE INSURANCE FUND now amount to \$34,226.55 ; the total risks, to \$817,100. No losses have occurred.

The decrease in gross receipts from stocks and loans, &c., belonging to the FUND FOR THE IMPROVEMENT OF THE EASTERN FRONT OF THE CITY is caused by the reduction in the amount of the invested assets belonging to this fund, large portions of these assets (accumulated income) having been converted into cash and expended upon the improvements along Delaware Avenue.

The general contract for the widening of Delaware Avenue—which includes the construction of the bulkhead, the filling back of the bulkhead, and the paving of a considerable portion of the new cartway—is now very nearly completed. The paving of those portions of the new cartway not included in the general contract, has also been ordered, and a considerable portion of this work is now done. As was expected, the pavement laid upon those portions of the avenue which before the improvement were under water—the heads of the docks—has settled, making large sunken areas. These sunken places are brought up to grade and repaved as the necessity of the particular case and a reasonable regard for economy may demand. It is probable that this settling will continue for a number of years, and that in these spots it may be necessary to take up and relay the pavement several times before the ground solidifies sufficiently to maintain a true surface. In continuance of the work of improving this avenue, there is now under consideration the widening and recurbing of the sidewalk on the west side, the repaving of the bed of the old avenue, a revised plan of lighting, and the laying of an underground electric conduit.

The expected attempt to divert the use of the widened Delaware Avenue from the public—for whose good Mr. Girard intended his funds to be expended—to that of the railroad corporations, has begun in the attempt of the Philadelphia Belt Line Railroad Company to obtain a license from the Board of Highway Supervisors to lay two tracks upon this street for the entire length of the improvement. We have every reason to expect that we will be able to prevent this misappropriation of the benefits derived from Mr. Girard's legacy, and to limit the use of this highway by the railroad companies, to the fair and reasonable extent that is justified purely by public necessity.

The usual expenditures for lighting, cleaning, and repairing the cartways of Delaware Avenue and Water Street have been made.

Six wooden buildings have been torn down and removed at a cost to the Girard Estate of \$200.

The increase in the expenses of this fund and in the general office expenses is caused principally by the expense entailed in the use of the offices and meeting rooms provided in the Stephen Girard Building for the use of the Board of Directors of City Trusts, and for which a fair rental is charged and apportioned among the various trusts.

The usual statements of invested assets, cash receipts, and payments are appended.

Very respectfully,

GEO. E. KIRKPATRICK,  
*Superintendent Girard Estate.*

PHILADELPHIA, December 31st, 1899.

## GIRARD ESTATE.

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### RESIDUARY FUND,

FOR THE MAINTENANCE AND EXTENSION OF GIRARD COLLEGE.

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### REAL ESTATE, STOCKS, AND LOANS,

COMPOSING INVESTED CAPITAL.

DECEMBER 31ST, 1899.

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### REAL ESTATE.

Girard College ground, and buildings (approximate cost)	\$3,350,000 00
Banking houses, dwellings, stores, wharves, and farms in the city of Philadelphia; assessed valuation for 1899 . . . . .	5,870,600 00
Real estate in Schuylkill and Co- lumbia Counties, Pennsylvania, about 18,000 acres; assessed valuation for 1899 . . . . .	1,700,443 00
<i>Amount carried forward . .</i>	<i>\$10,921,043 00</i>

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*Amount brought forward . .* \$10,921,043 00

### STOCKS AND LOANS.

	PAR VALUE.
663 shares of stock, Chesapeake and Delaware Canal Company	\$33,150 00
Bond, Ridge Turnpike Company	10,000 00
1 share stock, Susquehanna and Lehigh Turnpike Company .	100 00
United States 4 per cent. loan .	100,000 00
State of Penna. 4 per cent. loan,	63,850 00
State of Penna. 3½ per cent. loan,	17,000 00
Allegheny Co. 5 per cent. loan,	4,000 00
Allegheny Co. 4 per cent. loan,	32,000 00
Schuylkill Co. 3 per cent. loan,	20,000 00
City of Phila. 3 per cent. loan,	131,200 00
City of Phila. 3½ per cent. loan,	586,700 00
City of Phila. 4 per cent. loan,	945,650 00
City of Phila. 6 per cent. loan,	477,300 00
City of Pittsbgh. 4 per cent. loan,	18,000 00
City of Pittsbgh. 5 per cent. loan,	44,900 00
City of Pittsbgh. 7 per cent. loan,	2,500 00
Girard Water Company stock .	199,700 00
Reading Co., and Philadelphia and Reading C. & I. Co.'s general mortgage 4 per cent. bonds,	6,000 00
Reading Co. first preferred stock,	650 00
Reading Co. second prefd. stock,	21,250 00
Reading Co. common stock . .	34,000 00
Bonds and mortgs. on real estate,	2,060,200 00
Ground rents . . . . .	230,000 00
	5,037,250 00
Total invested capital of Residuary Fund . .	<u>\$15,958,293 00</u>

**CASH RECEIPTS AND EXPENDITURES OF THE RESIDUARY FUND FROM JANUARY 1st, 1899, TO DECEMBER 31st, 1899, INCLUSIVE.**

**Receipts**

**REAL ESTATE WITHOUT THE CITY OF PHILADELPHIA.**

Rents and royalties from collieries .	\$483,805 64	
Sale of timber . . . . .	2,374 12	
Rent of real estate, &c. . . . .	6,413 13	
Rent of water-pipe lines . . . . .	7,000 00	
Sale of surface right of lots . . . .	1,124 03	
Interest on deferred payments for the same . . . . .	111 77	\$500,828 69

**REAL ESTATE IN THE CITY OF PHILADELPHIA.**

Rent of real estate . . . . .	\$535,026 73	
Miscellaneous receipts, city . . . .	20,762 58	
		555,789 31
Drainage easement, 727 Winfield Street . . . . .		50 00

**STOCKS AND LOANS.**

Interest United States loan . . . .	\$2,000 00	
“ Philadelphia City loan . . . .	76,769 50	
“ Pennsylvania State “ . . . .	1,835 00	
“ Pittsburgh City “ . . . .	2,847 00	
“ Allegheny County “ . . . .	1,480 00	
“ Schuylkill County “ . . . .	600 00	
“ Mortgage loans . . . . .	96,798 53	
“ Reading Company, and Philadelphia and Read- ing Coal and Iron Com- pany's bonds . . . . .	240 00	
“ on deposits in bank . . . .	1,223 83	
Ground rents . . . . .	8,075 00	
Dividend Girard Water Company stock . . . . .	7,968 00	
		199,836 86
<i>Amount carried forward . . . .</i>		\$1,256,504 86

## RECEIPTS—RESIDUARY FUND.—Continued.

<i>Amount brought forward . . .</i>		\$1,256,504 86
Sale of waste material, Girard College . . . . .		1,424 26
Advances to wards' estates, returned . . . . .	\$172 27	
United States loan, matured . . .	4,000 00	
Mortgages, principal collected . .	517,700 00	
		<u>521,872 27</u>
Total receipts, Residuary Fund		<u>\$1,779,801 39</u>

## EXPENDITURES—RESIDUARY FUND, ESTATE.

## REAL ESTATE WITHOUT THE CITY OF PHILADELPHIA.

Taxes . . . . .	\$42,850 67	
Refunded by lessees . . . . .	5,304 69	
		<u>\$37,545 98</u>
Expenses water-pipe line . . . . .	3,071 02	
Forest tree culture . . . . .	706 49	
Miscellaneous expenses . . . . .	9,754 89	
Repairs, &c., to real estate . . . .	2,186 31	
Farm improvements, Catawissa Valley . . . . .	2,883 05	
Salaries . . . . .	16,420 00	
		<u>\$72,567 74</u>

## REAL ESTATE IN THE CITY OF PHILADELPHIA.

Taxes . . . . .	\$102,134 78	
Water rents . . . . .	6,561 00	
General repairs . . . . .	\$24,875 52	
Collected from tenants on account of repairs, fire damages, &c. . . . .	567 42	
		<u>24,308 10</u>
<i>Amount carried forward . . . .</i>	<i>\$133,003 88</i>	<i>\$72,567 74</i>

## EXPENDITURES—RESIDUARY FUND, ESTATE.—Continued.

<i>Amount brought forward</i> . . . .	\$133,003 88	\$72,567 74
Wages, Stephen Girard Building . .	23,226 64	
Supplies, Stephen Girard Building . . . . .	\$14,019 97	
Less amount collected from tenants . . . .	206 70	
	<hr/>	13,813 27
Fuel . . . . .	15,859 17	
Salaries . . . . .	6,355 08	
Law and miscellaneous expenses . . . . .	\$24,982 45	
Insurance rebates, &c. . . . .	2,441 14	
	<hr/>	22,541 31
Improvement of Girard Park . . . .	3,773 11	
	<hr/>	218,572 46
Grading farm No. 11 . . . . .	\$441 05	
Grading lots Eighteenth and Porter Streets . . . . .	513 72	
Erection of Stephen Girard Building, Extension of power plant, Stephen Girard Building . . . . .	5,659 65	
	31,006 76	
Alteration of buildings 1120-1142 Market street . . . . .	8,520 07	
Sundry permanent improvements . .	18,405 02	
Purchase of land north of Porter Street, between Eighteenth and Nineteenth Streets . . . . .	2,121 25	
Purchase of land on Magazine Lane, between Twenty-fifth and Twenty- seventh Streets . . . . .	1,082 00	
	<hr/>	67,749 52

## STOCKS AND LOANS.

Expenses of investment . . . . .	\$633 87	
Premium on bonds purchased . . .	60,130 96	
	<hr/>	60,764 83
<i>Amount carried forward</i> . . . .		\$419,654 55

**EXPENDITURES—RESIDUARY FUND, ESTATE.—Continued.**

*Amount brought forward . . .* \$419,654 55

**GENERAL OFFICE EXPENDITURES.**

Salaries . . . . .	\$17,717 29	
General expenses . . . . .	15,315 38	
		33,032 67
Expenditures account wards' estates		201 35

**INVESTMENTS AND REINVESTMENTS.**

Bonds and mortgages . . . . .	\$350,000 00	
Philadelphia City 3 per cent. loan	101,200 00	
Philadelphia City 3½ per cent. loan	260,600 00	
Philadelphia City 6 per cent. loan	23,800 00	
Pittsburgh City 4 per cent. loan . .	8,000 00	
Pennsylvania State 4 per cent. loan	32,850 00	
United States 4 per cent. loan . .	100,000 00	
		876,450 00

Total expenditures for Residuary Fund, Estate \$1,329,338 57

**EXPENDITURES—GIRARD COLLEGE.****HOUSEHOLD.**

Wages . . . . .	\$74,240 46	
Subsistence . . . . .	118,275 54	
Clothing . . . . .	45,693 75	
Dry goods . . . . .	9,528 35	
Furniture . . . . .	7,312 04	
Repairs . . . . .	25,502 63	
Grounds . . . . .	6,890 28	
Lighting . . . . .	5,190 17	
Fuel . . . . .	29,007 05	
Water rent . . . . .	906 48	
Laundry supplies . . . . .	6,063 02	
Salaries . . . . .	33,119 79	
Incidentals . . . . .	9,423 33	
		\$371,152 89

*Amount carried forward . . . . .* \$371,152 89

**EXPENDITURES—GIRARD COLLEGE.—Continued.***Amount brought forward* . . . . . \$371,152 89**INFIRMARY.**

Salaries . . . . .	\$4,680 20	
Maintenance . . . . .	7,686 65	
	<hr/>	12,366 85

**INSTRUCTION.**

Salaries . . . . .	\$67,451 97	
School books and stationery . . .	7,835 05	
Chemical laboratory . . . . .	439 13	
School furniture . . . . .	1,660 53	
School and philosophical apparatus	436 55	
Department of Natural History . .	357 63	
Library, books and binding . . .	592 32	
	<hr/>	78,773 18

**MECHANICAL INSTRUCTION.**

Salaries . . . . .	\$12,838 65	
Supplies, &c. . . . .	4,281 12	
	<hr/>	17,119 77

**ADMISSION, DISCIPLINE, &c.**

Salaries . . . . .	\$2,400 00	
Expenses of admission . . . . .	726 31	
Rewards and premiums . . . . .	800 57	
	<hr/>	3,926 88

Total expenditures for Girard College . . . .	<u><u>\$483,339 57</u></u>
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# RECAPITULATION.—RESIDUARY FUND.

## Receipts.

Real estate out of City	\$500,828 69	
Expenses . . . . .	72,567 74	
	<u>          </u>	\$428,260 95
Real estate in the City	\$555,789 31	
Expenses . . . . .	218,572 46	
	<u>          </u>	337,216 85
Stocks and Loans . .	\$199,836 86	
Expenses . . . . .	60,764 83	
	<u>          </u>	139,072 03
		<u>          </u>
		\$904,549 83
General Office Expenses . . . . .		33,032 67
Net Receipts, Residuary Fund . . . . .		\$871,517 16
Principal of investments collected, sale of waste material, and temporary loans returned . . . .		523,346 53
Cash balance, January 1st, 1899 . . . . .		91,953 53
		<u>          </u>
		\$1,486,817 22

## Payments.

Girard College expenses, ordinary .	\$483,339 57	
Advances to wards' estates . . . . .	201 35	
Permanent improvements to real estate in Philadelphia . . . . .	67,749 52	
Investments and reinvestments, mortgages, &c. . . . .	876,450 00	
	<u>          </u>	1,427,740 44
Cash balance, December 31st, 1899 . . . . .		\$59,076 78
		<u>          </u>

## FIRE INSURANCE FUND.

Established in December, 1892, to take the Place of Cancelled Fire Insurance Policies upon Certain Selected Buildings.

## INVESTED CAPITAL, DECEMBER 31st, 1899.

Bonds and mortgages . . . . .	\$28,800 00
Philadelphia City six per cent. loan . . . . .	1,400 00
Deposit in Western Saving Fund . . . . .	1,101 87
Total . . . . .	<u>\$31,301 87</u>

## CASH RECEIPTS AND EXPENDITURES FROM JANUARY 1ST, 1899, TO DECEMBER 31ST, 1899, INCLUSIVE.

## RECEIPTS.

Annual premiums . . . . .	\$1,449 50	
Interest bonds, and mortgages . . . . .	1,246 00	
" Philadelphia City loan . . . . .	114 00	
" on deposits in bank . . . . .	9 59	
		\$2,819 09
Philadelphia City 6 per cent. loan matured . . . . .	1,000 00	
Cash balance January 1st, 1899 . . . . .	1,811 73	
		<u>\$5,630 82</u>

## EXPENDITURES.

Fire insurance premiums returned . . . . .	\$1,145 83	
General expenses . . . . .	55 31	
Investments . . . . .	1,500 00	
Expenses of investment . . . . .	5 00	
		2,706 14
Cash balance December 31st, 1899 . . . . .	\$2,924 68	



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**FUND FOR THE IMPROVEMENT OF THE DELAWARE FRONT  
OF THE CITY, REMOVAL OF WOODEN BUILDINGS, &c.**

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**Stocks and Loans Appropriated by the Executors of Stephen  
Girard's Will for the Improvement of the Delaware Front of  
the City, &c., with Subsequent Investments and Reinvestments.**

---

DECEMBER 31ST, 1899.

	Par Value.
22 shares stock, Insurance Company	
State of Pennsylvania . . . . .	\$4,400 00
State of Pennsylvania 3½ per cent. loan . . . . .	5,000 00
City of Philadelphia 3 per cent. loan	\$20,000 00
“ “ 3½ “	50,000 00
“ “ 4 “	246,400 00
“ “ 6 “	102,000 00
	<hr/> 418,400 00
City of Pittsburg 4 per cent loan . .	\$5,300 00
“ “ 4½ “ . .	26,000 00
“ “ 5 “ . .	12,000 00
“ “ 7 “ . .	3,000 00
	<hr/> 46,300 00
Reading Co. second preferred stock	\$350 00
“ “ common stock . . .	900 00
	<hr/> 1,250 00
Bonds and mortgages upon real estate . . . . .	231,200 00
	<hr/>
Total . . . . .	<u>\$706,550 00</u>

**Cash Receipts and Expenditures of the Fund for the Improvement of the Delaware Front of the City, &c., from January 1st, 1899, to December 31st, 1899, inclusive.**

**RECEIPTS.**

Interest Philadelphia City loan . .	\$21,627 00	
“ Pittsburgh City “ . .	2,192 00	
“ Pennsylvania State “ . .	175 00	
“ mortgage loans . . . .	18,205 25	
“ on deposits in bank . .	166 54	
Dividend, Insurance Company		
State of Pennsylvania . . . .	264 00	
Rent of electrical duct, Front		
Street . . . . .	190 00	
Sale of old material . . . . .	10 00	
		\$42,829 79
Philadelphia City 6 per cent. loan,		
matured . . . . .	\$86,700 00	
Mortgages, principal collected . .	159,000 00	
		245,700 00
Total receipts . . . . .		<u>\$288,529 79</u>

**EXPENDITURES.**

Salaries . . . . .	\$1,155 00	
Widening Delaware Avenue . .	195,903 60	
Street repairs . . . . .	684 61	
“ cleaning . . . . .	4,990 00	
“ lighting . . . . .	5,378 94	
Incidentals . . . . .	50 14	
		\$208,162 29
Removal of wooden buildings . . . . .		200 00
General expenses . . . . .		1,719 62
Total expenditures . . . . .		<u>\$210,081 91</u>

**RECAPITULATION, FUND FOR THE IMPROVEMENT OF THE  
DELAWARE FRONT OF THE CITY, &c.**

**RECEIPTS.**

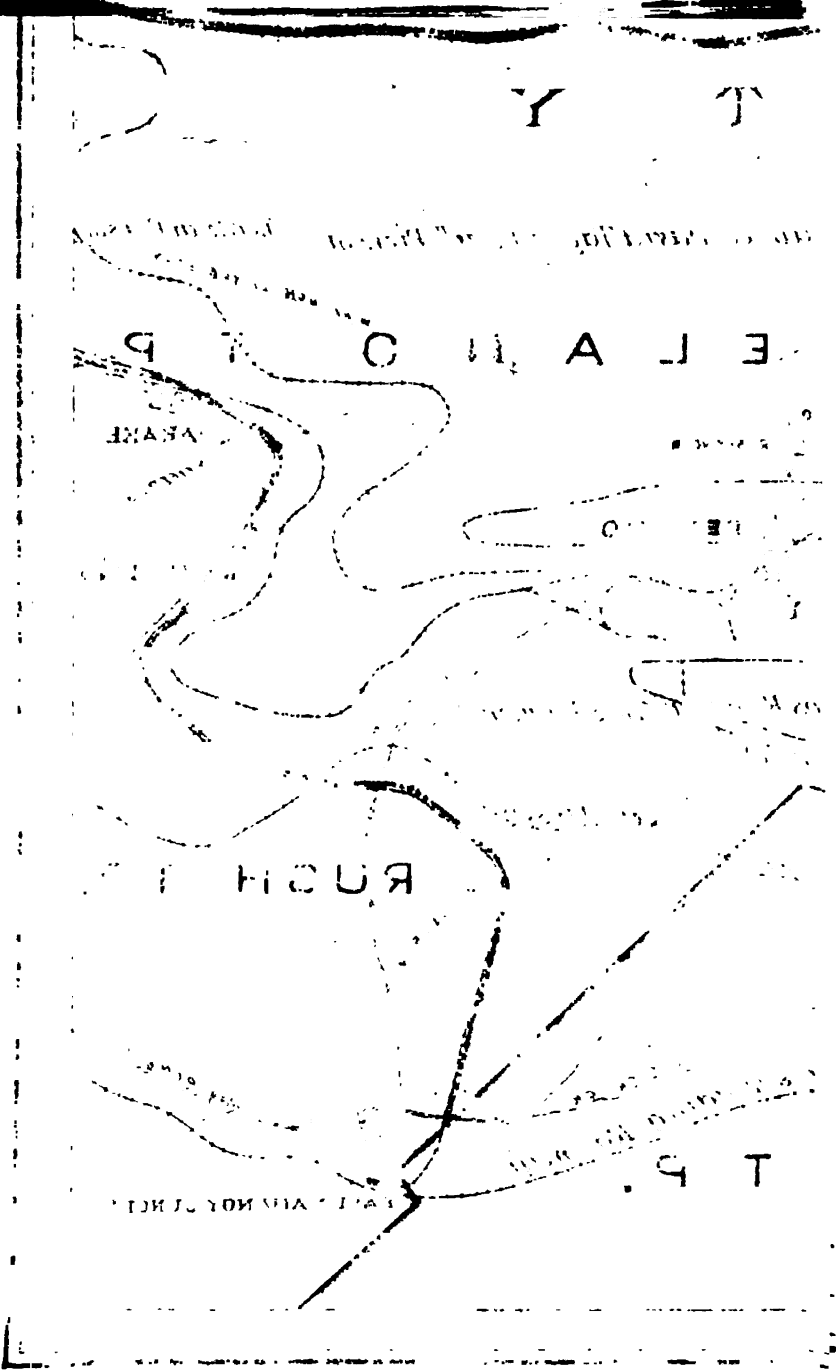
Income from investments . . . . .	\$42,829 79	
Expenses . . . . .	1,719 62	
	<u>          </u>	\$41,110 17
Principal of investments, collected . . . . .		245,700 00
<i>Cash balance, January 1st, 1899 . . . . .</i>		11,508 19
		<u>          </u>
		\$298,318 36

**EXPENDITURES.**

Expenses, Delaware front of city . . . . .	\$208,162 29	
Removal of wooden buildings . . . . .	200 00	
		<u>208,362 29</u>
<i>Cash balance, December 31st, 1899 . . . . .</i>		<u>\$89,956 07</u>

GEORGE E. KIRKPATRICK,  
*Superintendent Girard Estate.*

STEPHEN GIRARD BUILDING,  
21 S. TWELFTH STREET, PHILADELPHIA,  
December 31st, 1899.



СОИИ СН

УПРАВЛЕНИЕ  
ПОСЛАНИИ И ПИСЬМА

ПОСЛАНИИ И ПИСЬМА  
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СИЛА СЕЛЕНИИ

ПОСЛАНИИ И ПИСЬМА



To accompany the thir

## APPENDIX B.

### REPORT OF THE ENGINEER

OF THE

### GIRARD ESTATE

IN

SCHUYLKILL AND COLUMBIA COUNTIES, PENNSYLVANIA,

FOR THE YEAR 1899.

#### OFFICERS.

*Engineer* . . . . . HEBER S. THOMPSON, Pottsville.  
*Solicitor* . . . . . SAMUEL H. KAERCHER, Pottsville.  
*Assistant Superintendent* . . . . . EMIL C. WAGNER, Girardville.  
*Mine Inspector* . . . . . JOHN B. GRANGER, Girardville.

# ANNUAL REPORT

## OF THE

### ENGINEER OF THE GIRARD ESTATE, 1899.

MESSRS. JOHN K. CUMING, JOHN H. MICHENER, JOHN H. CONVERSE, DALLAS SANDERS, EDWIN S. STUART, WILLIAM H. LAMBERT, WENCEL HARTMAN, LOUIS WAGNER, *Committee on the Girard Estate without the city of Philadelphia:*

GENTLEMEN:—The coal-mining leases on the Girard Estate are now ten in number, as follows:—

COLLIERY.	LESSER.
Hammond . . . . .	Philadelphia and Reading Coal and Iron Co.
East Bear Ridge . . . . .	Philadelphia and Reading Coal and Iron Co.
Kimberley . . . . .	Philadelphia and Reading Coal and Iron Co.
Packer No. 1 . . . . .	Lehigh Valley Coal Company.
Packer No. 2 and No. 4 . . . . .	Lehigh Valley Coal Company.
Packer No. 3 . . . . .	Lehigh Valley Coal Company.
Continental . . . . .	Lehigh Valley Coal Company.
William Penn . . . . .	Susquehanna Coal Company.
Kehley's Run . . . . .	Thomas Coal Company.
Girard . . . . .	W. R. McTurk & Co.

All of which extend to December 31st, 1913.

The culm or washery leases are three, as follows:—

WASHERY.	LESSEE.
Girard . . . . .	W. R. McTurk & Co.
Raven Run . . . . .	Madeira, Hill & Co.
Schuylkill No. 1 . . . . .	John Newton Thomas.

The lessees of several of the largest producing collieries are engaged in making extensive improvements, which will not be completed to admit of an increase in productions before the year 1901 or 1902.

Coal has been shipped from but one of the three culm leases. The improvement in the general business of the country and

the increase in the demand for manufactured articles, particularly for implements and products in which iron and steel are used, have greatly stimulated the production of coal, both bituminous and anthracite.

The anthracite coal shipped to market from the State of Pennsylvania in 1899 is 47,665,204 tons, which is an increase over the shipment of the previous year of 5,765,453 tons, and an increase of more than a million tons over that of the year 1895, the year of the largest production previous to the present year.

The shipments of coal from the Girard Estate for this year are 1,215,028 $\frac{1}{2}$  tons, which is a slight increase over the previous year. The shipment by each colliery, with its increase or decrease in comparison with the previous year, is shown in the following table:—

TABLE SHOWING QUANTITY OF COAL SHIPPED TO MARKET BY EACH COLLIERY IN 1899, AND ITS INCREASE OR DECREASE IN COMPARISON WITH THE YEAR PRECEDING.

COLLIERY.	PRODUCTION.				Increase above 1898.		Decrease below 1898.		Net Increase.	
	1899.		1898.							
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
William Penn . . . . .	222,307	13	205,021	08	17,286	05				
Packer No. 1 . . . . .	216,364	03	83,324	11	135,039	12				
Packer No. 3 . . . . .	202,050	16	168,687	01	33,363	15				
Hammond . . . . .	157,448	18	131,991	16	25,457	02				
Packer No. 2 . . . . .	151,869	19	140,958	14	10,911	05				
Kehley's Run . . . . .	83,263	07	69,333	19	13,929	08				
East Bear Ridge . . . . .	83,877	14	84,109	01			231	07		
Packer No. 4 . . . . .	51,621	06	140,716	11			89,095	05		
Continental . . . . .	20,009	19			20,009	19				
Girard Washery . . . . .			34,027	13			9,812	13		
North Ashland . . . . .	24,215	00	85,034	12			85,034	12		
West Bear Ridge . . . . .			57,979	01			57,979	01		
Kimberly . . . . .										
Raven Run Washery . . . . .										
Total . . . . .	1,215,028	15	1,201,184	07	255,997	06	242,152	18	13,844	08

TONS.

The coal shipped to market, paying royalty, was . . . . . 1,215,028 $\frac{1}{2}$

The coal consumed in operating the engines at the collieries, paying no royalty, was . . . . . 188,050 $\frac{1}{2}$

Making the total production shipped and consumed in operating . . . . . 1,403,079 $\frac{1}{2}$



The average royalty received upon the 1,403,079 $\frac{1}{4}$  tons of coal produced was 30 $\frac{22}{100}$  cents per ton. The average royalty taken upon the 1,215,028 $\frac{1}{4}$  tons was 34 $\frac{80}{100}$  cents per ton. Upon the 1,190,813 $\frac{1}{4}$  tons of freshly-mined coal shipped by collieries, not including washeries, the average royalty was 35 $\frac{84}{100}$  cents per ton. Upon the 24,215 tons of coal obtained from the culm banks and shipped by the washeries, the average royalty was 12 $\frac{70}{100}$  cents per ton.

The coal shipped to market in the thirty-seven years of the operation of the collieries under mining leases from the city of Philadelphia, Trustee under the will of Stephen Girard, from 1863 to 1899, inclusive, has been 37,795,002 $\frac{1}{4}$  tons.

The small coal consumed in operating the collieries and washeries in 1899 was 188,050 $\frac{1}{4}$  tons, equal to 15 $\frac{48}{100}$  per cent. of the coal shipped to market.

Taking the mining leases separate from the washeries, the coal consumed in operating the former was 15 $\frac{71}{100}$  per cent. of the shipment to the market. The largest percentage of its shipment consumed in operating by any colliery in active operation was 22 $\frac{82}{100}$  per cent ; the smallest, 10 $\frac{20}{100}$  per cent.

Six and a quarter miles of new gangway were opened during the year 1899, against four miles in 1898, and five and a quarter miles in 1897. For the first half of the year the collieries averaged but half time.

During the last six months full three-quarter time was made.

Two underground fires occurred, one in Packer No. 3 Colliery, which was discovered and extinguished before it had obtained any great headway ; the other in Kehley's Run Colliery, a more serious fire, and only extinguished after a courageous and persistent hand-to-hand fight of four days and nights. A detailed account of these mine fires is given later in this report.

The usual care has been given to the protection of the mountain lands from forest fires and to the cultivation of a second growth of forest timber. Notwithstanding the maintenance of a forest patrol and the exercise of every precaution, forest fires ran over some of the lands in April and May, and destroyed young growing timber estimated to be worth \$9967.50.

Thirty-one thousand five hundred seedlings of Scotch pine and white pine were planted.

The promised inspection of timber lands by the United States

Department of Agriculture, Division of Forestry, was made by Mr. Henry L. Graves, Superintendent of Working Plans, whose report is given with other details, later in this report.

A new topographical map of the Girard Estate in Schuylkill and Columbia Counties, of convenient size for pocket use, has been prepared and lithographed, and is presented herewith.

The tables showing the quantity and percentage of small sizes of coal shipped each year, the annual production of each colliery for the past thirty-seven years, royalties, colliery rents, miners' house rents, and total income for the present year, are presented herewith. Following these tables is a brief statement of the present condition of each colliery, and an account of timber cutting, surface lots, forests, and taxes.

TABLE SHOWING THE QUANTITY AND PERCENTAGE OF RICE, BUCKWHEAT, PEA, CHESTNUT, AND COAL LARGER THAN CHESTNUT SHIPPED FROM THE GIRARD ESTATE EACH YEAR FROM THE OPENING OF THE FIRST COLLIERY.

YEAR.	COAL LARGER THAN CHESTNUT.			CHESTNUT COAL.			PEA COAL.			BUCKWHEAT COAL.			RICE COAL.		
	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.
1899.	531,300	18	43.73	274,804	07	22.61	159,136	17	13.10	212,734	08	17.51	37,052	05	3.05
1898.	541,936	19	45.12	275,106	09	22.90	151,092	03	12.58	216,592	11	18.03	16,456	05	1.37
1897.	587,360	05	47.99	265,897	05	21.72	146,698	06	11.98	213,085	10	17.41	10,958	11	0.90
1896.	621,610	19	49.21	276,760	03	21.91	147,595	13	11.69	213,061	08	16.88	3,960	01	0.31
1895.	754,139	05	50.64	302,514	00	20.31	171,443	03	11.51	246,441	05	16.54	14,820	19	1.00
1894.	749,499	16	53.60	281,807	03	20.15	155,451	17	11.12	211,504	19	15.13			
1893.	924,133	09	59.91	259,235	08	16.80	159,210	04	10.32	200,073	02	12.97			
1892.	927,203	15	62.00	230,072	08	15.39	148,816	18	9.95	189,283	04	12.66			
1891.	899,604	15	62.64	227,717	08	15.86	170,991	02	11.91	137,623	14	9.59			
1890.	843,312	07	64.22	198,903	07	15.15	141,603	03	10.78	129,278	14	9.85			
1889.	841,231	17	65.09	179,289	14	13.87	182,882	19	14.15	89,103	10	6.89			
1888.	872,048	13	69.91	147,072	14	11.79	157,540	09	12.63	70,791	18	5.67			
1887.	736,093	03	69.79	108,713	10	10.30	152,730	14	14.47	57,344	12	5.44			
1886.	759,966	10	68.96	131,046	06	11.90	149,381	10	13.56	61,501	08	5.58			
1885.	782,275	00	68.56	136,863	02	11.99	150,433	15	13.18	71,562	08	6.27			
1884.	979,702	03	69.66	167,251	02	11.89	177,243	18	12.60	82,318	17	5.85			
1883.	1,147,559	08	71.81	194,392	03	12.17	190,245	00	11.91	65,788	15	4.11			
1882.	1,082,303	09	74.58	136,959	05	9.44	163,524	00	11.26	68,518	09	4.72			
1881.	1,070,869	15	75.41	159,687	04	11.24	158,711	03	11.18	30,722	17	2.17			
1880.	962,207	01	76.87	141,890	05	11.34	135,832	19	10.85	11,755	01	.94			
1879.	1,221,126	13	75.25	212,377	03	13.09	185,661	19	11.44	3,581	19	.22			
1878.	803,182	19	77.22	130,196	16	12.52	105,962	08	10.19	696	06	.07			
1877.	862,931	15	77.13	153,062	09	13.68	102,765	19	9.19						
1876.	614,404	12	76.19	117,063	05	14.51	74,992	03	9.30						
1875.	550,758	10	78.17	93,799	01	13.31	59,987	14	8.52						
1874.	791,830	18	81.83	111,776	04	11.55	64,000	03	6.62						
1873.	755,354	11	82.83	110,860	17	12.16	45,724	07	5.01						
1872.	581,940	15	83.05	83,333	16	11.89	35,475	19	5.06						
1871.	519,284	05	83.62	76,229	08	12.27	25,503	05	4.11						
1870.	397,623	18	84.24	57,544	08	12.19	16,830	13	3.57						
1869.	427,153	11	86.71	55,153	16	11.19	10,336	14	2.10						
1868.	396,979	05	87.87	50,628	14	11.20	4,179	03	.93						
1867.	453,163	04	87.49	62,943	02	12.17	1,800	19	.34						
1866.	384,891	01	90.70	39,485	18	9.30									
1865.	220,756	03	91.80	19,710	00	8.20									
1864.	106,176	18	90.11	11,647	19	9.89									
1863.	36,709	19	90.00	4,078	16	10.00									

TABLE SHOWING QUANTITY AND PERCENTAGE OF EACH SIZE OF COAL SHIPPED EACH YEAR FROM 1877 TO 1899.

YEAR.	LUMP.		STEAM-BOAT.		BROKEN.		EGG.		STOVE.		SMALL STOVE.		CHESTNUT.		TOTAL LARGE.		PEA.		BUCK-WHEAT.		RICE.		TOTAL SMALL.		TOTAL SHIPMENT.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1899	12,324	08	42,783	11	141,984	16	139,359	12	194,947	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1898	1,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1897	16,725	06	6,046	10	120,542	19	138,779	14	205,992	04	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1896	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1895	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1894	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1893	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1892	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1891	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1890	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1889	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1888	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1887	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1886	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1885	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1884	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1883	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1882	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1881	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1880	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1879	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1878	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15
1877	11,011	15	3,52	12	11,09	13	139,359	12	16,04	11	.....	.....	274,804	07	806,105	05	159,136	17	212,734	08	37,052	05	408,923	10	1,215,028	15

TABLE SHOWING THE PERCENTAGES OF DIFFERENT SIZES OF COAL SENT TO MARKET  
BY EACH COLLIERY IN 1899.

COLLIERY.	LUMP.	STEAM- BOAT.	BROKEN.	EGG.	STOVE.	CHEST- NUT.	TOTAL LARGE.	PEA.	BUCK- WHEAT.	RICE.	TOTAL SMALL.
Hammond . . . . .	2.63	6.50	28.37	10.83	17.32	15.11	80.76	9.08	10.16	. . .	19.24
East Bear Ridge . . . . .	1.45	16.15	8.87	7.98	12.86	16.13	63.44	12.72	16.57	7.27	36.56
Packer No. 1 . . . . .	. . . .	2.73	9.07	13.54	15.54	24.37	65.25	13.00	18.02	3.73	34.75
Packer No. 2 . . . . .	1.10	0.58	7.89	8.95	17.46	34.48	70.46	10.91	17.42	1.21	29.54
Packer No. 3 . . . . .	2.03	5.25	9.98	5.42	13.08	28.10	63.86	12.87	19.81	3.46	36.14
Packer No. 4 . . . . .	0.06	. . . .	0.52	14.50	14.49	37.65	67.22	16.21	16.38	0.19	32.78
Continental . . . . .	12.70	. . . .	5.65	16.35	21.60	25.08	71.38	13.43	14.01	1.18	28.62
William Penn . . . . .	0.23	0.69	12.63	13.77	14.76	16.24	58.32	15.77	22.34	3.57	41.68
Kehley's Run . . . . .	. . . .	. . . .	10.14	24.19	30.52	15.37	80.22	12.67	7.11	. . .	19.78
Total of Collieries . . . . .	1.03	3.59	11.93	11.70	16.37	22.93	67.55	12.81	17.01	2.63	32.45
Girard Washery . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	7.39	7.39	27.13	41.92	23.56	92.61
Total, including Washery Coal . .	1.01	3.52	11.69	11.47	16.04	22.61	66.34	13.10	17.51	3.05	33.66

## ANNUAL PRODUCTION OF THE SEVERAL COLLIERIES ON THE GIRARD ESTATE.

	PRESENT TENANTS.	1863.		1864.		1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.		1873.	
		Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1	Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . . } Conner Colliery . . . . . }	40,788 15	84,446 04			66,725 03	90,650 04	76,817 04				62,413 16	67,476 11			29,702 01	118,027 12			98,813 09	142,066 08		
2	Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . . }																						
3	Lehigh Valley Coal Co., Packer No. 5 Colliery . . . . . }					22,430 19	55,439 04	95,436 03				117,414 00	112,666 11			125,055 17	121,926 10			121,162 17	89,116 13		
4	Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . . } Packer No. 4 Colliery . . . . . }					36,410 10	33,544 12	36,327 13				59,597 10	71,858 07			81,154 10	86,901 09			60,688 16	149,886 15		
5	Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . . }						1,010 11	10,410 03				5,712 13	4,000 00			3,002 04	17,404 05			53,344 06	65,622 07		
6	Lehigh Valley Coal Co., Continental Colliery . . . . . } North Ashland Colliery . . . . . } Continental (and N. Ashland) . . . . . }			2,750 04 15,388 00		24,017 17 36,593 19	38,724 14 41,249 19	43,276 10 49,361 18				37,004 04 46,374 08	31,440 02 45,642 07			37,653 04 41,163 18	73,623 08 44,361 17			82,203 07 53,444 10	59,731 14 89,421 12		
7	Susquehanna Coal Co., William Penn Colliery . . . . . }					9,085 05	59,915 00	65,448 11				28,395 01	27,002 10			35,363 13	53,558 13			85,602 18	140,726 14		
8	Thomas Coal Co., Kehley's Run Colliery . . . . . }					2,372 17	10,139 08	35,143 06				18,935 00	67,940 09			79,585 19	68,554 01			102,837 04	99,314 19		
9	W. R. McTurk & Co., Girard Colliery . . . . . } Girard Washery . . . . . }			13,717 05		32,828 16	49,097 04	67,867 04				54,861 12	60,562 05			38,841 11	40,318 09			38,022 12	33,076 05		
10	West Bear Ridge Colliery . . . . . }					10,090 17	44,606 03	43,818 13				19,328 18	4,654 19			536 02	2,340 14			4,630 11	32,976 08		
		40,788 15	117,824 17	240,466 03	424,376 19	517,997 05	451,787 02	492,644 01	471,998 19	621,016 18	700,750 10	911,939 15											

## ANNUAL PRODUCTION.—Continued.

PRESENT TENANTS.		1874.		1875.		1876.		1877.		1878.		1879.		1880.		1881.		1882.		1883.	
		Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	
1	Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . .	146,619 12	123,935 17	114,552 01	{ 121,146 04 102,639 04 }	99,215 00 78,671 03	116,581 17 130,811 03	70,649 19 105,225 19	97,131 19 134,060 01	93,838 13 135,368 10	{ 117,238 16 147,821 01 }										
2	Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . .	71,821 04	40,311 14	47,356 06	85,001 19	51,144 16	30,036 18	64,549 03	74,752 10	77,514 15	108,304 09										
3	Lehigh Valley Coal Co., Packer No. 5 Colliery . . . . .	45,604 07	46,003 03	59,871 09	85,955 08	62,229 08	85,297 03	64,598 11	81,563 19	61,469 18	48,903 13										
4	Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . .	137,243 00	62,994 14	112,118 03	{ 89,129 12 101,860 01 }	88,544 19 118,790 04	144,138 01 248,341 18	117,022 12 167,102 01	126,751 04 200,636 07	98,327 02 218,073 09	{ 111,659 12 225,406 19 }										
5	Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . .	97,449 11	67,580 19	75,747 13	117,170 11	83,957 15	111,487 03	74,733 16	169,978 09	157,986 10	155,528 15										
6	Lehigh Valley Coal Co., Continental Colliery . . . . .	54,847 09	48,861 12	59,612 18	25,228 13	53,948 16	107,233 12	79,361 12	62,124 14	16,801 14	63,906 19										
	North Ashland Colliery . . . . .	59,336 16	56,469 04	35,976 10	38,685 09	70,566 17	127,893 01	98,734 15	118,760 11	110,527 06	122,021 04										
	Continental (and N. Ashland) . . . . .																				
7	Susquehanna Coal Co., William Penn Colliery . . . . .	146,357 00	106,639 17	118,209 13	164,476 13	120,354 18	178,445 09	173,212 14	221,869 05	227,859 15	228,098 19										
8	Thomas Coal Co., Kehley's Run Colliery . . . . .	87,709 03	65,466 18	89,368 00	68,905 07	100,520 19	151,266 11	82,095 02	. . . . .	79,645 07	115,311 15										
9	W. R. McTurk & Co., Girard Colliery . . . . .	48,797 19	45,969 13	46,291 01	95,043 07	67,573 09	101,877 10	80,947 03	69,165 02	103,761 08	81,349 01										
	Girard Washery . . . . .																				
10	West Bear Ridge Colliery . . . . .	71,821 04	40,311 14	47,356 06	23,517 15	44,520 05	89,337 08	73,451 19	63,196 18	70,130 16	72,834 03										
		967,607 05	704,545 05	866,460 00	1,118,760 03	1,040,038 09	1,622,747 14	1,251,685 06	1,419,990 19	1,451,395 03	1,597,985 06										

## ANNUAL PRODUCTION.—Continued.

PRESENT TENANTS.	1884.		1885.		1886.		1887.		1888.		1889.		1890.		1891.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1 Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . . Conner Colliery . . . . .	95,794 10 135,897 17		114,141 18 130,959 02		124,172 19 68,494 08		163,730 17		158,403 10		130,605 09		171,033 18		199,618 07	
2 Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . .	70,704 05		2,422 02		7,946 18		6,532 00		9,844 03		60,173 11		35,544 16		134,510 06	
3 Lehigh Valley Coal Co., Packer No. 5 Colliery . . . . .	34,172 13		2,032 01		63,692 04		61,097 01		120,513 09		129,644 15		145,199 03		101,908 18	
4 Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . . Packer No. 4 Colliery . . . . .	128,356 03 206,994 02		83,854 04 206,402 14		213,037 04		124,514 10		67,592 16 146,751 06		48,294 15 154,893 12		89,106 17 105,642 13		110,101 15 90,237 12	
5 Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . .	122,182 00		146,164 03		171,662 04		102,067 13		161,247 02		136,336 17		78,122 08		144,997 13	
6 Lehigh Valley Coal Co., Continental Colliery . . . . . North Ashland Colliery . . . . . Continental (and N. Ashland) . . . . .	62,538 02 102,126 19		1,712 01 35,568 11		68,816 00		153,940 06		157,265 19		73,536 15		121,987 19		124,632 07	
7 Susquehanna Coal Co., William Penn Colliery . . . . .	233,157 15		242,114 13		256,944 15		307,848 09		280,675 04		278,722 04		280,558 11		264,315 13	
8 Thomas Coal Co., Kehley's Run Colliery . . . . .	110,784 17		106,829 09		116,628 05		133,244 11		120,136 19		109,246 01		123,998 02		120,356 16	
9 W. R. McTurk & Co., Girard Colliery . . . . . Girard Washery . . . . .	59,268 02		69,832 17		10,148 07				894 02		72,518 13		106,210 04		118,366 12	
10 West Bear Ridge Colliery . . . . .	45,028 15		10		4 00		100 10		20,325 16		91,265 12		48,263 19		22,386 12	
11 Knickerbocker Colliery . . . . .					348 10		2,806 02		1,803 08		5,960 08		521 13			
12 Madeira, Hill & Co., Raven Run Washery . . . . .											1,309 08		6,907 08		4,504 08	
	1,406,516 00		1,141,134 05		1,101,895 14		1,054,881 19		1,247,453 14		1,292,508 00		1,313,097 11		1,435,936 19	



## ANNUAL PRODUCTION.—Continued.

	PRESENT TENANTS.	1892.		1893.		1894.		1895.		1896.		1897.		1898.		1899.		Total.	
		Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1	Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . . Conner Colliery . . . . .	169,991 02		177,292 16		127,843 07		178,016 01		143,080 12		121,255 02		131,991 16		157,448 18		5,512,306 15	
2	Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . .	199,541 03		196,012 06		151,353 13		157,864 09		139,418 02		104,859 06		84,109 01		83,877 14		2,015,597 09	
3	Lehigh Valley Coal Co., Packer No. 5 Colliery . . . . .	61,011 19		162,587 10		135,330 15		129,341 07		129,005 01		98,477 19		83,324 11		218,364 03		3,227,449 02	
4	Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . . Packer No. 4 Colliery . . . . .	147,717 09 55,948 16		77,076 01 122,597 06		87,240 05 97,769 04		110,996 18 108,729 01		114,459 08 117,478 11		89,622 02 147,668 15		140,958 14 146,710 11		151,869 19 51,621 06		6,513,703 13	
5	Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . .	185,862 13		175,174 15		149,811 03		183,248 14		151,212 03		152,738 11		168,687 01		202,050 16		3,703,693 07	
6	Lehigh Valley Coal Co., Continental Colliery . . . . . North Ashland Colliery . . . . . Continental (and N. Ashland) . . . . .	178,063 16		138,979 09		107,747 08		93,969 06		92,366 15		104,735 17		85,034 12		26,009 19		4,037,609 05	
7	Susquehanna Coal Co., William Penn Colliery . . . . .	219,530 17		219,371 16		262,441 13		249,224 05		211,900 17		231,661 00		205,021 08		222,307 13		6,156,319 01	
8	Thomas Coal Co., Kehley's Run Colliery . . . . .	120,308 00		110,127 11		88,258 15		85,659 12		77,443 10		81,106 18		69,333 19		83,263 07		2,981,838 17	
9	W. R. McTurk & Co., Girard Colliery . . . . . Girard Washery . . . . .	118,924 01		121,888 04		90,639 17		28,002 14				17,891 11		34,027 13		24,215 00		2,042,736 13	
10	West Bear Ridge Colliery . . . . .	78,015 05		81,544 09		99,827 15		114,306 05		86,723 05		73,982 16		57,979 01				1,579,216 03	
11	Knickerbocker Colliery . . . . .																	11,440 01	
12	Madeira, Hill & Co., Raven Run Washery . . . . .	461 04																13,182 08	
		1,495,376 05		1,542,652 03		1,398,263 15		1,489,358 12		1,263,088 04		1,223,999 17		1,201,184 07		1,215,028 15		37,795,002 14	

QUANTITY OF COAL MINED AND SHIPPED DURING THE TWELVE MONTHS COMMENCING JANUARY 1ST, 1899, AND  
ENDING DECEMBER 31ST, 1899, AND GROSS RENT AND ROYALTY DERIVED FROM THE SAME.

PRESENT TENANTS.		Tons. Cwt.	Royalty, Right of Way, and Colliery Rents.	House Rents.	Total Income.
Philadelphia & Reading Coal and Iron Co., Hammond Colliery . . . . .		157,448 18	\$58,438 67	\$458 00	\$58,896 67
Philadelphia & Reading Coal and Iron Co., East Bear Ridge Colliery . . . .		83,877 14	29,246 00	552 00	29,798 00
Philadelphia & Reading Coal and Iron Co., Kimberley Colliery . . . . .		. . . . .	1,200 00	. . . . .	1,200 00
Lehigh Valley Coal Co., Packer No. 1 Colliery . . . . .		218,364 03	71,018 76	840 00	71,858 76
Lehigh Valley Coal Co., Packer No. 2 and No. 4 Collieries . . . . .		203,491 05	87,206 65	822 00	88,028 65
Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . .		202,050 16	81,917 72	183 00	82,100 72
Lehigh Valley Coal Co., Continental Colliery . . . . .		20,009 19	9,076 89	514 68	9,591 57
Susquehanna Coal Co., William Penn Colliery . . . . .		222,307 13	67,421 38	467 74	67,889 12
Thomas Coal Co., Kehley's Run Colliery . . . . .		83,263 07	32,347 72	624 00	32,971 72
Madeira, Hill & Co., Raven Run Washery . . . . .		. . . . .	600 00	. . . . .	600 00
W. R. McTurk & Co., Girard Washery . . . . .		24,215 00	3,090 69	. . . . .	3,090 69
John N. Thomas, Schuylkill Washery, No. 1 . . . . .		. . . . .	300 00	. . . . .	300 00
		1,215,028 15	\$441,864 48	\$4,461 42	\$446,325 90

## MINING OPERATIONS.

LEASE NO. 1.—HAMMOND COLLIERY, *Philadelphia and Reading Coal and Iron Company, Lessee*.—Coal has been mined from the territory covered by this lease continuously for thirty-seven years. The production sent to market in that time has been 5,512,306 $\frac{1}{2}$  tons. From 1863 to 1873, covering the first ten years of this period, the coal was mined altogether above water level. In 1873 the first slope level was opened and lasted until 1889, sixteen years. In 1889 the second level was opened, which will last until the end of the year 1901, making its life twelve years. Some coal was contributed to the production of each lower level long after its opening by the level above. The gangways above water level, for example, continued to produce coal up to the close of 1894, covering a period of thirty-one years.

To provide beforehand for the exhaustion of the second level, the lessee has already started to open up the third slope level. The tender slope in the Buck Mountain bed was extended a hundred yards below the second level, commencing March 1st, and finishing in August. A gangway is now driving west, from which a rock tunnel will go south to cut the Mammoth and other coal seams overlying.

During the year the gangways in the Diamond and Orchard beds have been extended east and west, and nearly one-half the present production is from these beds. The lease limits will be reached by these gangways in three years. The breasts and pillars will continue to contribute to the colliery's production for several years more.

The length of new gangway opened was eleven hundred and four yards :

In the Diamond bed, second level . . .	662 yards.
“ Orchard bed, “ “ . . .	432 “
“ Buck Mountain, third “ . . .	10 “

The proportions of present production from the different coal beds are as follows :

From the Diamond bed . . . . .	25 per cent.
“ Orchard bed . . . . .	22 “
“ Holmes bed . . . . .	17 “
“ Mammoth and Mammoth Top-split beds .	18 “
“ Buck Mountain bed . . . . .	18 “

Twenty new cylinder boilers thirty inches by thirty-four feet, were set in place of boilers worn out and removed. The coal consumed in operating the colliery has been mainly rice coal and refuse from the slate pickers. No rice coal was shipped to market.

The production shipped to market was 157,448 $\frac{1}{2}$  tons, which is an increase over the previous year of 25,457 $\frac{1}{2}$  tons.

LEASE NO. 2.—EAST BEAR RIDGE COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—The lease of the other colliery, West Bear Ridge, formerly connected with this colliery, was surrendered on January 1st, 1899. Since that time the East Bear Ridge Colliery has continued its operations alone, preparing and shipping its coal through the Bear Ridge Breaker, located near the slope of West Bear Ridge Colliery.

Explorations have been in progress during the year to test the Mammoth and Buck Mountain coal below the present working levels, which extended on the adjoining property a thousand feet below the working levels upon our property. Some consideration has also been given to the question of stripping off the surface from the coal outcrops on the top of Bear Ridge. The west gangway of the Buck Mountain bed upon the water level has also been reopened to test more thoroughly the coal in the west side of the tunnel. The workings in active operation are all on the east side of the water-level tunnel, partly on the first slope level, and partly above water level.

The work done in and the proportions of present production from the different beds and levels are shown in the following table of gangways driven and present production.

	GANGWAY DRIVEN.			PRESENT PRODUCTION.		
	Mammoth Bed.	Buck Mountain Bed.	All Beds.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
Above water level .	273	. .	273 yds.	12%	20%	32%
Slope level . . . .	. .	390	390 “	36%	32%	68%
Totals . . . .	273	390	663 yds.	48%	52%	100%
	41%	59%	100%			

The production shipped to market was 83,877 $\frac{1}{4}$  tons, making a decrease from the production of the previous year of 231 $\frac{7}{10}$  tons.

LEASE NO. 3.—PACKER NO. 1 (-5) COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—The colliery has not only increased its tonnage, but has also improved its breaker preparation, having increased its proportion of large coal and saved considerable coal formerly sent to the refuse banks. Its shipment to market this year is 218,364 $\frac{3}{10}$  tons, against 83,324 $\frac{1}{4}$  tons in 1898; while its proportion of large sized coal has increased from 60 $\frac{1}{10}$  per cent. in 1898 to 65 $\frac{2}{10}$  per cent. in 1899. Of the smallest size of coal (rice), only a portion produced has been used in the operation of the colliery. The shipment of this size to market has been 8133 tons, or 3 $\frac{7}{10}$  per cent. The proportion of coal used in operating has been 12 $\frac{1}{4}$  per cent. of its shipment. The shipments to market have averaged 1075 tons for each working day.

Six coal beds are worked, and the coal is mined on four different levels. The new gangway opened this year on each level and in each coal bed and the proportions of present production from each are as follows :

## GANGWAY DRIVEN.

	Diamond Bed.	Orchard Bed.	Holmes Bed.	Mammoth Top-split.	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.
Above water level . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	168	. . . . .	. . . . .	168 yds.
First, or slope level . . . . .	. . . . .	. . . . .	60	. . . . .	18	. . . . .	. . . . .	78 "
Second, or plane level . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	91	. . . . .	91 "
Third, or shaft level . . . . .	747	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	357	1104 "
Total . . . . .	747	. . . . .	60	. . . . .	186	91	357	1441 yds.

## PRESENT PRODUCTION.

	Diamond Bed.	Orchard Bed.	Holmes Bed.	Mammoth Top-split.	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.
Above water level . . . . .	. . . . .	. . . . .	. . . . .	5%	15%	. . . . .	. . . . .	20%
First, or slope level . . . . .	. . . . .	. . . . .	20%	. . . . .	20%	. . . . .	. . . . .	40%
Second, or plane level . . . . .	. . . . .	. . . . .	9%	. . . . .	1%	3%	. . . . .	13%
Third, or shaft level . . . . .	16%	. . . . .	. . . . .	. . . . .	2%	. . . . .	9%	27%
Total . . . . .	16%	. . . . .	29%	5%	38%	3%	9%	100%

LEASE NO. 4.—PACKER NO. 2 AND PACKER NO. 4 COLLIERIES.—*Lehigh Valley Coal Company, Lessee.*—PACKER NO. 2 COLLIERY has increased its production 10,911 $\frac{5}{8}$  tons over the previous year. The coal seams contributing to the production are the Mammoth, Mammoth Top-split, and Holmes. The Primrose, Orchard, and Diamond overlaying them, and the Buck Mountain underlying, have not yet been worked. The Buck Mountain bed, already opened by gangways extended west from Packer No. 4 Colliery, will probably be connected with this colliery by a tunnel next year.

A large central breaker is about to be built at Packer No. 4 Colliery, to which all the coal of the three collieries near to it, Packer No. 2, Packer No. 3, and Packer No. 4, will be sent for preparation.

It is in contemplation also to connect these collieries by tunnels on their lowest convenient working levels, to collect the water to be pumped at one point and erect there a water-hoisting plant sufficient for the drainage of the three collieries. This will not only contribute to the more economic mining of the coal, but will diminish the risks of fire, due to the maintenance and constant inspection and oversight of steam and column pipes carried through separate pumpways and slopes in the different collieries.

The new gangway opened this year has been wholly on the third and fourth levels, and in the Mammoth Top-split and Holmes beds, though a considerable yield of coal is still maintained on the first and second levels. Half the coal produced still comes from the Mammoth bed, and one-half the output is from the fourth level.

The new gangway driven, and the proportion of present production from each bed and level are shown by the following table.

	Length of Gangway Driven.				Proportion of Present Production.			
	Mammoth Bed.	Top-split Bed.	Holmes Bed.	All Beds.	Mammoth Bed.	Top-split Bed.	Holmes Bed.	All Beds.
First level. . . .	. .	. .	. .	. . yds.	17%	. .	. .	17%
Second " . . . .	. .	. .	. .	. . "	5%	. .	5%	10%
Third " . . . .	. .	115	155	270	17%	. .	7%	24%
Fourth " . . . .	. .	40	101	141	14%	17%	18%	49%
Total . . . .	165	256	411	yds.	53%	17%	30%	100%

The tonnage sent to market this year is 151,869 $\frac{1}{8}$  tons.

PACKER NO. 4 COLLIERY, pending the completion of plans for consolidating the coal preparation of Packer No. 2, Packer No. 3, and Packer No. 4 Collieries in one large breaker about to be erected at Packer No. 4 Colliery, has done but little work. The whole number of days worked during the year has been but ninety-two, nor will there be much if any more work done during the coming year; the erection of new improvements, changing of railroad main line and side tracks interfering with the operation of the slope and breaker.

Some new gangway, six hundred and thirty-four yards, was opened during the year, mostly in the Holmes bed, on the third and fourth levels. All the coal beds, Orchard, Holmes, Four Foot, Mammoth, and Buck Mountain, and the upper six of the seven levels opened, have contributed to the production.

The gangway driven during the year and the proportions of the present production from the different beds and levels are as follows:—

#### LENGTH OF GANGWAY DRIVEN.

	Orchard Bed.	Holmes Bed.	Four Foot Bed.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
First level, . .	. .	. .	. .	. .	. .	. . yards.
Second " . .	33	. .	. .	. .	. .	33 "
Third " . .	. .	154	. .	. .	. .	154 "
Fourth " . .	. .	353	31	. .	63	447 "
Fifth " . .	. .	. .	. .	. .	. .	. . "
Sixth " . .	. .	. .	. .	. .	. .	. . "
Seventh " . .	. .	. .	. .	. .	. .	. . "
Total . .	33	507	31	. .	63	634 yards.

#### PRESENT PRODUCTION.

	Orchard Bed.	Holmes Bed.	Seven Foot Bed.	Mammoth Bed.	Buck Moun- tain Bed.	All Beds.
First level, . .	. .	. .	. .	8	. .	8 per cent.
Second " . .	2	. .	. .	. .	. .	2 "
Third " . .	. .	18	. .	4	6	28 "
Fourth " . .	. .	16	1	. .	32	49 "
Fifth " . .	. .	. .	. .	. .	1	1 "
Sixth " . .	. .	. .	. .	6	6	12 "
Seventh " . .	. .	. .	. .	. .	. .	. .
Total, . .	2	34	1	18	45	100 per cent.

Several locations were considered for the new breaker, its site near Packer No. 4 Colliery slope being determined by the requirement for an intermediate position between Packer No. 2 and Packer No. 3. The difficulty of finding a foundation not undermined or liable to be disturbed by mining operations finally determined its location about sixty yards west of the present Packer No. 4 Breaker.

The new breaker will have a capacity of three thousand tons a day, and will be completely equipped with modern appliances for the economical breaking, sizing, cleaning, and handling of the coal and for the thorough separation of all refuse from the coal.

The coal of Packer No. 4 Colliery will be sent direct from the slope to the breaker. That from Packer No. 2 and Packer No. 3 Collieries will be brought to the breaker over railroads to be built from these collieries. The main line of the Ashland branch of the Lehigh Valley Railroad is now being changed and the township road removed to another location to facilitate the handling of the cars and to make room for tracks, boiler plant, blacksmith and car shops.

The present leases of Packer No. 2, Packer No. 3, and Packer No. 4 Collieries expire on January 1st, 1900. New leases have been executed which commence on January 1st, 1900, and expire December 31st, 1913.

LEASE NO. 5.—PACKER NO. 3 COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—The production of this year, 202,050½ tons, is the largest ever made by this colliery, and the third largest of the year of all the collieries on the Girard Estate.

There are now eight working levels, all producing coal, though only the two lower, the seventh and eighth, are advancing in fresh coal. Fifteen hundred yards of new gangway were opened altogether on the seventh and eighth levels, and in the Seven Foot and Buck Mountain beds. No coal was mined from the Holmes, the Skidmore, or the Little Buck Mountain bed. Nearly sixty per cent. of the present production is from the Mammoth bed.

The new work and the present sources of coal supply are indicated by the following table of gangway driven during the year and percentages of present production from the different levels and coal beds :



LENGTH OF GANGWAY DRIVEN AND PERCENTAGES OF PRESENT  
PRODUCTION.

	Gangway Driven.				Present Production.			
	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.
First level,	. . . . .	. . . . .	. . . . .	. . . . .	9%	. . . . .	. . . . .	9%
Second "	. . . . .	. . . . .	. . . . .	. . . . .	3%	5%	8%	16%
Third "	. . . . .	. . . . .	. . . . .	. . . . .	5%	. . . . .	. . . . .	5%
Fourth "	. . . . .	. . . . .	. . . . .	. . . . .	2%	3%	5%	10%
Fifth "	. . . . .	. . . . .	. . . . .	. . . . .	7%	. . . . .	. . . . .	7%
Sixth "	. . . . .	. . . . .	. . . . .	. . . . .	10%	2%	. . . . .	12%
Seventh "	. . . . .	243	276	519 yards.	. . . . .	20%	5%	25%
Eighth "	. . . . .	524	465	989 "	. . . . .	9%	7%	16%
Total,	. . . . .	767	741	1508 yards.	36%	39%	25%	100%

The slope in the Seven Foot bed was extended from the seventh to the eighth level. The Buck Mountain slope was extended from the seventh to the eighth level and for a hundred and forty feet below the eighth level. It is proposed to continue to sink this slope until it meets the inversion of the basin. This slope was also opened between the fourth and the sixth levels, and the coal is now hoisted on it from the lower levels to the fourth instead of as heretofore to the sixth level.

A small underground fire occurred in the Seven Foot bed on the seventh level on February 17th, 1899, which was discovered and extinguished before it had an opportunity to become at all serious. The air battery, a partition across the chute of breast No. 23, East Gangway, built of timbers and plank, with a canvas door for the passage of coal and miners, is supposed to have been set on fire by a miner crawling through with an open lamp.

After the year 1900, the use of the breaker of this colliery will be discontinued, the coal going, as heretofore stated, to the central breaker, now building at Packer No. 4 Colliery. This lease will expire on January 1st, 1900. The new lease already executed commences January 1st, 1900, and ends December 31st, 1913.

LEASE NO. 6.—CONTINENTAL COLLIERY, *Lehigh Valley Coal Company Lessee*.—In January, immediately upon the execution of the new mining lease for fifteen years, commencing January 1st, 1899, the lessee commenced the sinking of a shaft, located conveniently for hoisting the coal of the Holmes bed, and for eventually opening the coal in successive lifts of the Mammoth and Buck Mountain beds down to the centre of the basin. At the same time the outlet for an airway opened in the Holmes bed from its basin to the surface some years ago, was converted into a temporary slope, for the opening of gangways and tunnels. Gangways were opened east and west of the slope on both dips of the basin, and a tunnel was driven north two hundred and ten feet from the north gangway to the bottom of the shaft. The shaft was sunk one hundred and seventy feet to the Holmes bed level, and will be continued immediately to the second slope level. Eleven hundred and forty yards of gangway and a hundred and ninety-five yards of rock tunnels have been driven. An air shaft has been sunk from the surface to the face of breast No. 8, of the east water-level gangway in the Buck Mountain bed, and a twenty-foot fan erected, with engine for running it, for the ventilation of the mines. On the surface the shaft hoisting engines have been erected; a plane fourteen hundred and forty-six feet in length has been built from the shaft to the top of the mountain, upon which the coal will be hoisted, and thence carried to Centralia Colliery breaker for preparation. Boilers and hoisting engines have been erected at the head of the plane, and a railroad has been built connecting the head of the plane with Centralia Colliery breaker.

In the new lease of January 1st, 1899, the coal covered by former North Ashland Colliery lease has been assigned to Continental Colliery, thus giving it the coal in all beds on both dips of the basin and an abundant supply beyond its needs during the life of this lease.

NORTH ASHLAND COLLIERY breaker was taken down and removed by the former lessee in January, February, March, and April. At the same time the boilers, hoisting engines, fans, pumps, column pipes, steam pipes, and rails belonging to the former lessee were taken away and the workings below water

level were allowed to fill with water. When the present lessee is ready to mine the coal on the south side of the basin, the water will be tapped and drawn off and discharged through the Centralia drainage tunnel.

LEASE NO. 7.—WILLIAM PENN COLLIERY, *Susquehanna Coal Company, Lessee*.—William Penn Colliery maintains its place as the largest producer on the estate. It has averaged over a thousand tons for each full day worked, and has sent to market  $222,307\frac{1}{2}$  tons of coal this year, which is  $17,286\frac{5}{8}$  tons more than in the previous year. It has consumed in generating steam for the operation of its engines only coal smaller than rice coal, and has shipped to market  $7948\frac{7}{8}$  tons of rice coal. While maintaining its large production, it has pushed forward its gangways for the opening up of fresh coal, and by tunnels driven during this year, others in progress, and still others proposed for next year, is providing well ahead fresh coal to meet future demands. It has driven four thousand and sixty yards of gangway in coal, and two hundred and thirteen yards of tunnel in rock. The Little Buck Mountain bed lying sixteen yards under the Buck Mountain has been developed on the upper water level and on the shaft level, and has proven a valuable seam of coal. Three hundred and thirty-one yards of gangway were opened in it this year. Two tunnels were driven from the Mammoth bed to the Skidmore, above water level, from the stripping operations; a tunnel was driven on the lower water level from the Holmes to the Four Foot bed; a tunnel was driven on the shaft level from the Buck Mountain to the Little Buck Mountain bed; a tunnel was driven from the Mammoth to the Top-split of the same bed on the fourth level; two tunnels are now driving south from the Mammoth to test the Seven Foot bed on the eastern part of the lease, one on the lowest water level and one on the third level below. A tunnel is proposed on the second level from the Holmes, north, to cut the Primrose bed; a tunnel is proposed on the third level from the Top-split of the Mammoth, north, to cut the Holmes bed west of the fault.

The development by new gangways and the proportions of the production now coming from each working place are shown in the following table :

## GANGWAY DRIVEN.

	Orchard Bed.	Primrose Bed.	Holmes Bed.	Four Foot Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Skidmore Bed.	Buck Mountain Bed.	Little Buck Mountain Bed.	All Beds.
	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.
Above water level . . . . .			40	386		70	312		265	1073
First, or shaft level . . . . .		189		699			10		66	964
Second, or No. 1 slope level . . . . .				483			243	190		916
Third, or No. 2 slope level . . . . .								199		199
Fourth, or Buck Mountain slope level . . . . .					62	327		519		908
Total . . . . .		189	40	1568	62	397	565	908	331	4060

## PRESENT PRODUCTION.

	Orchard Bed.	Primrose Bed.	Holmes Bed.	Four Foot Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Skidmore Bed.	Buck Mountain Bed.	Little Buck Mountain Bed.	All Beds.
	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.
Above water level . . . . .				6		12	5		5	28
First, or shaft level . . . . .		11		7		4			1	23
Second, or No. 1 slope level . . . . .				8	3		1	10		22
Third, or No. 2 slope level . . . . .				1	1	5				7
Fourth, or Buck Mountain slope level . . . . .					2	5		13		20
Total . . . . .		11		22	6	26	6	23	6	100

LEASE NO. 8.—KEHLEY'S RUN COLLIERY.—*Thomas Coal Company, Lessee.*—The coal shipped to market this year was 83,263 $\frac{1}{8}$  tons, which is an increase of 13,929 $\frac{1}{8}$  tons over the year previous. The bulk of the coal continues to come from the Mammoth bed, though the Skidmore, Seven Foot, and Buck Mountain are together producing nearly forty per cent. of the present production. The present production is wholly from the second slope level and in the following proportions from the different coal beds :

## PRESENT PRODUCTION.

	Mammoth Bed.	Skidmore Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.
Second slope level,	61	2	8	29	100 per cent.

On Monday, November 27th, 1899, at 6 o'clock A. M., the west gangway of the Mammoth bed on the second slope level was found to be filled with smoke and gas, indicating a mine fire burning somewhere in the western workings. The gas was at first an obstacle to an examination to determine the location and extent of the fire, but by twelve o'clock noon the measures taken to restore the ventilation had cleared away the gases sufficiently to admit of an examination. A fire was then found burning in the gangway and in both chutes of breast No. 43. The superintendent of the colliery, Mr. Thomas Baird, with a force of men, promptly attacked the fire with chemical fire extinguishers and with water thrown by hand in buckets, and succeeded in a few hours in extinguishing the fire in the gangway and in the west chute of the breast and in following it some distance up the east chute. In the east chute of breast No. 43 the refuse coal fallen in a pile was a mass of fire, six feet wide and four feet high, burning vigorously against the top of the chute. By midnight this had been extinguished for a distance of twenty-eight feet up the chute. After that hour the gases began to come down over and behind the men at work, and by 2 A. M. drove them out of the gangway and altogether away from the fire.

On Tuesday, November 28th, a stronger current of air was established, which removed the gases and permitted a resumption of work upon the fire. It now became evident that a larger volume of water was required to fight the fire, extinguish and follow it up rapidly, and prevent its extension to other parts of the mine. A line of two-inch gas pipe was therefore laid down the Ringtown Road Slope and along the gangway to the fire, connecting on the surface with the pipe from the small reservoir on the hillside at this point. Three lengths of hose were obtained, and attached to the inside end of the pipe, and by quarter after seven o'clock of Tuesday evening the water was going through the pipes upon the fire. During Tuesday night the fire was extinguished for a distance of forty-four feet in the outside chute of breast No. 43. On Wednesday another small body of fire was found a short distance beyond this and extinguished. During that day and night, and for several days thereafter, the water was kept playing upon the heated coal and masses of fallen material which had been on fire. The insecure places were timbered to prevent their closing in, and all workings in the

vicinity were carefully examined; men were kept at work day and night to prevent the possibility, if fire existed anywhere, of its becoming established to a dangerous extent. No more fire was discovered. The heat, gases, and odors of burnt material diminishing day by day, it was demonstrated that there was no longer any fire existing anywhere in the vicinity.

The officers of the Philadelphia and Reading Coal and Iron Company, whose Kohinoor and Indian Ridge Collieries adjoin and are connected by openings through the coal with Kehley's Run Colliery, were constantly present during the continuance of the fire, and assisted by their advice and by the ready loan of water pipes, material, and skilled mechanics and miners.

The origin of the fire it is impossible to determine with positive certainty. Miners and drivers had been at work in this part of the mine on the Saturday afternoon previous to the discovery of the fire on Monday morning. It is probable that the fire was due to the carelessness of one of them. A spark from a lamp lodged among dry wood, a lamp flame touching for a few minutes a collar or other timber, a lamp wick not entirely extinguished thrown aside among combustible material, may have started the fire, which, burning slowly, was unobserved by the men upon quitting work.

The superintendent now has the mine thoroughly examined each day after the men quit work, by inspectors with lanterns, and again every Sunday morning, when there are no men at work.

LEASE No. 9.—GIRARD COLLIERY AND GIRARD WASH-  
ERY.—*W. R. McTurk & Co., Lessee.*—GIRARD COLLIERY.—  
An agreement has been executed giving to W. R. McTurk & Co. the right to mine the coal of the Holmes, Buck Mountain, Little Buck Mountain, Lykens Valley, and other beds, excepting the Mammoth and Skidmore beds, on both sides of the basin and above the lowest water level, on the Daniel Rees and Samuel Rees tracts, which is a portion of the coal belonging to the former Girard Colliery lease. The royalties and rent and conditions are the same as in the other mining leases of January 1st, 1899, and the term is for fourteen years, beginning January 1st, 1899, and ending December 31st, 1913.

**GIRARD WASHERY.**—On March 1st, 1899, a lease of the Girard Colliery culm banks was made to W. R. McTurk & Co., B. F. Bertolet, the former lessee, surrendering his lease of January 1st, 1897.

On May 17th shipments were suspended, pending the making of improvements for the better handling and preparing of the material. An addition was made to the main washery building, twenty-six feet by fifty-six feet, and the machinery of this building was remodeled and enlarged. The shaking screens were lengthened and made double platform instead of single, jigging machines were rebuilt, additional machines put in, and independent engines erected to run the jigging machines. A new building was erected a hundred yards north of the main building, and equipped with engines, breaking rolls, and screens for the preliminary preparation of the coal from the banks. In this building, to which all the material is first carried, the slate and fine refuse are removed, and the coal is broken to a size not exceeding that of "broken" coal. From it the coal goes to the main building, where the large coal is rebroken and all the coal is sized and re-cleaned. A line of heavy scrapers carries the material from the banks to the preliminary cleaning building; another line of scrapers, three hundred feet long, carries away the slate and refuse, and a third, three hundred and twenty-five feet in length, carries the coal partially prepared to the main building for final breaking, sizing, and cleaning.

The quantity of coal shipped daily is two hundred and fifty tons, but it is expected that this will be increased to five hundred tons. The shipment to market this year is 24,215 tons.

The proportions of different sizes made were as follows :

Chestnut . . . . .	7.39 per cent.
Pea . . . . .	27.13 "
Buckwheat . . . . .	41.92 "
Rice . . . . .	23.56 "

**LEASE NO. 10.—WEST BEAR RIDGE COLLIERY.**—*Vacant.* The lease of this colliery expired on January 1st, 1899. As the former lessee did not desire to enter into a new agreement for its operation, it was determined to close the colliery.

Of the six coal beds which belong to the measures in the territory covered by this lease, viz., the Holmes, Mammoth, Buck

Mountain, Little Buck Mountain, Lykens Valley upper and Lykens Valley lower beds, the Mammoth alone has been worked, and of this only thirty per cent. has been mined ; the balance, seventy per cent., being still in the ground.

The Holmes and Buck Mountain beds were tried, and at the time were counted not sufficiently good to admit of their working at a profit. The Little Buck Mountain bed, which is sometimes a part of the Buck Mountain, has not been proven here, nor have the Lykens Valley beds.

Upon the suspension of mining operations, the slope and airway were filled with culm and refuse coal slushed in through the airway from the bottom of the slope to a point seven yards below the first level. The east side of the slope was planked off and filled with culm to the surface. The west side of the slope and airway from the first slope level to the surface were left open temporarily, to admit of the retention of the pumps on that level and steam and culm pipes to the surface.

In accordance with an understanding between the Trustees of the Gilbert and Sheaffer Estates, the owners of the adjoining lands who are also the operators of Lawrence Colliery, and the Philadelphia and Reading Coal and Iron Company, for the use and operation of the pumps by the latter until larger pumps could be placed in Lawrence Colliery sufficient to hoist any additional water which might flow over from West Bear Ridge Colliery into Lawrence Colliery through a gangway driven on the first level some thirty years ago by a lessee of the Gilbert and Sheaffer Estates, the west side of the slope and the airway from the first level to the surface continue open and the pumps are still in operation.

LEASE NO. 11.—KNICKERBOCKER COLLIERY.—*Vacant.* — A small body of coal lying along the southern edge of the John Barber tract was worked for five years, from 1886 to 1890, by the Philadelphia and Reading Coal and Iron Company, in connection with their Knickerbocker Colliery. No coal has been mined since.

LEASE NO. 12.—RAVEN RUN WASHERY.—CULM BANKS ON THE JOHN ALEXANDER TRACT. *Madeira, Hill & Co., Lessee.*—The washery building has been completed and equipped with engine, screens, scraper lines and pumps. Owing to a defect in the machinery connected with the shaking screens, and the



necessity of changes in the arrangement of the screens, the washery has not yet begun active operation.

LEASE NO. 13.—KIMBERLEY COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—A lease was made at the close of last year to Mr. Jed I. Hollenbeck, of the small body of coal on the southern parts of the John Blakey and Thomas Paschall tracts.

Mr. Hollenbeck's serious illness has prevented him from commencing operations upon it, and on December 14th, with the approval of the Board of Directors of City Trusts, he transferred his lease to the Philadelphia and Reading Coal and Iron Company.

It is the intention of the present lessee to open the coal immediately, and mine it through their Draper Colliery, whose territory it adjoins. The Draper Colliery water level of the Mammoth bed will be reopened, and the Mammoth coal of Kimberley Colliery will be stripped of its surface covering and sent down to this gangway. A tunnel will be driven south from this water level Mammoth gangway, from a point between the two slopes, to the Buck Mountain bed, whose coal, along with that of the Little Buck Mountain, Seven Foot and Skidmore beds, if found in good condition, will be mined through gangways driven from this tunnel. If necessary, the Mammoth bed coal will be mined by slant chutes from the Skidmore bed. All the coal will be hoisted in the east slope of Draper Colliery.

LEASE NO. 14.—SCHUYLKILL NO. 1 WASHERY. CULM BANKS OF FORMER LEASE OF WILLIAM PENN COLLIERY. *John Newton Thomas, Lessee.*—A lease was made July 1st, 1899, of the culm banks of the former lease of William Penn Colliery to John Newton Thomas, of Pittston, Luzerne county, Pennsylvania. The lessee proposes to erect a washery building on the site of the former breaker of William Penn Colliery.

TIMBER LEASES.—Under agreement of December 8th, 1897, J. M. Stauffer has continued to cut timber on the Cochran, Chapman, Donaldson, and Gibson tracts. Some other wind-fallen and burnt timber was cut, also some timber in clearing farms No. 3 and No. 4.

The total receipts from timber sold were \$2254.37.

SURFACE LOT AND FARM LEASES.—Sand and stone sold paid \$6413.13.

The farms have been improved by the bringing of a few more acres under cultivation, and the pulling of stumps on lands already under cultivation. Straw shed additions were built to barns of farms Nos. 1, 3, 4, 5, and 6. Farm No. 2 was vacated on November 25th, 1899, and is now without a tenant.

The acreage under cultivation and the present farm tenants are as follows :

Farm.	Acres Leased.	Acres Cultivated.	Tract.	Farm Tenant.
No. 1	100	69	Joseph Evans	Peter C. Barron.
No. 2	113	69	Thomas Davison	Vacant.
No. 3	111	74	Joseph Evans	John Borlace.
No. 4	108	72	Joseph Evans	Theodore Wewer.
No. 5	117	43	Joseph Evans	Walter G. Lemon.
No. 6	113	54	Thomas Davison	Albert Hetherington.
No. 7	55	21	Isaac Norris	William Sells.

MORTGAGES on Girardville town lots paid in principal and interest of purchase money, \$1092.23.

WATER PIPES.—The rental received from the Girard Water Company for the use of the eleven miles of main and branch water pipes laid upon the Girard Estate, from the reservoirs of the former to the towns and collieries in and adjoining West Mahanoy Township, was \$5000.

FORESTRY.—Thirty-one thousand and five hundred forest-tree seedlings were set out this year on the Joseph Howell tract on the water shed of the reservoirs of the Girard Water Company, of which 15,400 were White Pine, 13,100 Scotch Pine, and 3000 Douglas Pine. They were from three to seven inches in length, and were planted as heretofore in rows four feet apart, and four feet apart in the rows, making 2722 trees to the acre.

The cost of the trees and the cost of planting, each thousand trees and each acre, were as follows :

	Cost of Trees per M.	Cost of plant- ing per M.	Total cost per M.	Cost of Trees per acre.	Cost of plant- ing per acre.	Total cost per acre.
15,400 White Pines,	\$4 00	\$2 00	\$6 00	\$10 89	\$5 42	\$16 31
16,100 Scotch and Douglas Pines .	3 50	2 00	5 50	9 53	5 42	14 95

[319]

The whole number of trees planted from 1877 to 1899, covering a period of twenty-three years, is 252,050, as follows :

In 1877 . . . . .	500 seedlings.
" 1881 . . . . .	750 "
" 1882 . . . . .	2,300 "
" 1885 . . . . .	1,000 "
" 1887 . . . . .	2,000 "
" 1888 . . . . .	10,000 "
" 1889 . . . . .	22,000 "
" 1890 . . . . .	20,000 "
" 1891 . . . . .	30,000 "
" 1892 . . . . .	45,000 "
" 1893 . . . . .	20,000 "
" 1894 . . . . .	16,000 "
" 1895 . . . . .	20,000 "
" 1897 . . . . .	11,000 "
" 1898 . . . . .	20,000 "
" 1899 . . . . .	31,500 "
Total . . . . .	252,050 seedlings.

The varieties planted were :

European Larch . . . . .	143,750
Catalpa Speciosa . . . . .	24,500
Scotch Pine . . . . .	42,100
White Pine . . . . .	32,900
Wild Black Cherry . . . . .	3,500
Russian Mulberry . . . . .	1,000
White Oak . . . . .	1,000
Austrian Pine . . . . .	200
Norway Spruce . . . . .	100
Douglas Pine . . . . .	3,000
Total . . . . .	252,050

In November of this year two bushels of white oak acorns were planted, on a little over three acres of ground, at a cost of \$8.05 per acre (\$0.98 per acre for seed and \$7.07 per acre for planting).

The seedlings when planted have been from four to six inches in size. Those planted in the first years of our experiment have

now grown to a considerable size. The largest European Larches are from thirty-eight to forty feet in height, and from five to eight inches in diameter. The largest Scotch Pines are from twenty-five to thirty feet in height, and from five to seven inches in diameter.

The trees which seem to be best adapted to the climate, soil, and other conditions are the Scotch Pine, White Pine, and European Larch, in the order named. The latter do well if by themselves and protected from the crowding of scrub oaks, ferns, shrubs, and weeds. The Pines stand crowding and neglect better than the Larches.

FOREST FIRES burnt over 5530 acres of land in April and May of this year. Some of the timber burnt was estimated to be worth six dollars and some four dollars per acre, though the most of it was estimated at one dollar per acre. The total value of the timber burnt this year was \$9967.50, making the loss from forest fires in the last three years \$34,068.

The application to the United States Department of Agriculture, Division of Forestry, filed December 16th, 1898, under the Department's offer, in its Circular No. 21, to assist private owners of forest lands in devising plans for the cutting and reforestation of timber lands, was reached on May 25th, 1899, and on May 26th and 27th Mr. Henry L. Graves, Superintendent of Working Plans, with an assistant, went over the two bodies of land selected for the purpose of experiment under the advice of the United States Department of Forestry.

In his report Mr. Graves first states the purpose of his examination: "The purpose of the examination by the Division of Forestry of certain sections of forest land belonging to the Girard Estate, was to determine whether any forest work could be carried on to advantage, in addition to what is already being done; and, in this event, to prepare a plan containing definite recommendations."

After giving in detail the conditions found, Mr. Graves advises regarding the treatment of the tract as follows:

"The whole problem of forest management depends on the possibility of protecting the land from fire. So long as the forest

is burned over repeatedly, it is not business policy to invest any money in planting or even in careful thinning. On the tracts in question the forest has been so reduced by cutting and fire that, even if there were ample protection from burning, there is little that could be done in the way of cutting; for in most places the timber is too small for the market, and, where merchantable trees do occur, the young growth beneath them has been destroyed by fire, so that the removal of the large timber would be prejudicial to the welfare of the forest. The forest is in an exhausted condition and requires time to recuperate before any more cuttings are made.

"From what has been said in the description of the forest, it will be seen that it still possesses the power to recover its normal condition if the fires are kept out. The reproduction, under the adverse circumstances in which the trees now struggle, is remarkably good, and no great period would be required for the open spots to become naturally restocked and for the ground under the merchantable trees to become covered with enough young growth to justify their removal. In general there should be no extensive cutting in the forest for a decade, except, possibly, in isolated patches of good timber in the bottom land. The problem to be solved is, then, how to prevent the fires." This is discussed in the following paragraph.

"PROTECTION AGAINST FIRE.—The majority of the fires on the Girard Estate are set by locomotives, by berry pickers, or by careless loiterers. There are two practical methods to cope with fire under these circumstances, and these methods have already been undertaken on the Estate. The setting of fires by berry pickers and loiterers can only be stopped by careful watching. The maintenance of an extra fire patrol on holidays, Sundays, and other days when the collieries are shut down, is an admirable plan, and under the present circumstances it is about all that can be done in the way of watching.

"The construction of fire lanes is an excellent plan, but, in my judgment, it would be possible to make them less expensively than is now being done, and to still have them effective. The plan now being carried out is to clear away everything within the fire line. This is necessary where there is nothing but small brush, but, where there are trees of merchantable size, I would

advise clearing only the undergrowth and *debris*. Along a railroad a strip of large timber with the undergrowth burned off, is a much more effective fire line than a completely cleared strip, because the crowns of the trees catch many flying sparks which would otherwise be blown over the cleared strip upon the inflammable mass of leaves, &c., beyond. Such a strip could be made with very little expense where there is standing timber. The method of constructing such a strip should be as follows :

“Clear two narrow parallel strips (five to ten feet wide and about one hundred feet apart) of brush and the inflammable material lying on the ground. Then burn over the space between. This could be done without danger if the work is carried on by men used to fighting fires, and if favorable days are chosen for it. Along the railroad of course only one narrow strip need be made, as the railroad itself would answer to keep the fire within bounds. In many places it would probably be possible to burn a fire line without first clearing guard strips.

“In order to make a system of fire strips effective they should be numerous and carefully located. I would estimate that on Tract No. 1 there should be about five and a half ( $5\frac{1}{2}$ ) miles of fire line to secure ample protection. I would estimate that their construction would cost about one hundred dollars (\$100).

“Whether the investment of money in making fire lines is desirable depends on the wishes of the managers of the Estate. It would be necessary to expend a certain sum annually to maintain the fire lines, though the first year's expenditure would be greater than afterwards. For most lumber companies I do not believe that the construction of fire lines would be profitable. But the Girard Estate is in a different position from a lumber company, in that the chief value of the land is in the coal, and timber is a secondary asset. I would recommend that the kind of fire lines which have been described above be tried on Tract No. 1, to prove their efficacy.

“PLANTING.—In most parts of Pennsylvania, forest planting on a large scale will not, in my judgment, be a profitable business venture. If it is desirable to restock the slopes about a reservoir in a short time, planting is by far the best method, and the work by the Girard Estate along this line is the most interesting of any

forest experiment by private concerns which I have seen in the United States.

"Upon most of the land on the estate, however, the native trees will return in a comparatively short time if the fires are kept out. The objects to be obtained in planting are quick returns and better quality and quantity of timber. If the land is left to Nature the new growth will probably contain many valueless trees, the valuable kinds may grow more slowly than those which would be planted, and the final crop will probably contain a smaller amount of merchantable timber, but the trees will have cost nothing, whereas planting costs about twenty dollars per acre. The question to be decided is whether the increased quantity and better quality of timber, obtained by planting, will justify the investment of twenty dollars per acre. This may be answered by a concrete example.

"A man plants one acre of pine and cuts the timber in fifty years; his land is valued at three dollars per acre and he is taxed at five cents per acre per annum; how much must he receive at the end of fifty years to make a profitable investment?

Cost of planting . . . . .	\$20 00
Value of land . . . . .	3 00
	<hr/>
Original value of property . . . . .	\$23 00
Value of property in fifty years at four per cent. compound interest . . . . .	\$163 53
Taxes at five cents per annum, with added com- pound interest at four per cent. . . . .	7 55
	<hr/>
Amount which must be obtained at the end of fifty years to make a profitable four per cent. invest- ment . . . . .	\$171 08

"If the land is left untouched it may require ten or even fifteen years for it to become restocked with timber, and it may be wise to leave the trees standing about fifteen years longer than in the first case on account of the slower growth. It is fair, therefore, to assume that a crop will be ready to cut in eighty years, instead of fifty years, as in the previous case. The original value of the

property is in this case three dollars, and the yearly taxes, as before, five cents.

At the end of eighty years the value of the property	
at four per cent. compound interest will be . . .	\$69 15
The taxes with interest will be . . . . .	27 31
<hr/>	
The amount to be obtained to secure four per cent.	
interest will be . . . . .	\$96 46

The above examples show a comparison between planting and leaving the land fallow until it becomes naturally restocked. It is impossible to determine what money return could be obtained from the sale of the timber in fifty or eighty years. The above examples show, however, that a very high return must be obtained in order to make planting profitable. Personally, I am strongly of the opinion that commercial forest planting will not be wise business policy, and that upon the Girard Estate, where the natural reproduction of the forest is very good, a higher return for the invested capital can be obtained by leaving the land to Nature than by attempting to stock it artificially."

**TAXES.**—The local taxes have been at about the same rates as in the previous year. The gross taxes levied on the Girard Estate for the year 1899, county, school, road, and poor, were \$44,583.73.

The county, school, special road and poor taxes were paid through the collectors into the county and township and borough treasuries. The road taxes of Butler, West Mahanoy and Conyngham townships were expended direct upon the roads, under the provisions of the Act of 1892, the largest taxpayer in each township taking the responsibility, and giving bond for the proper making and repairing of the public roads, and other taxpayers willing to do so contributing a share of the expenses according to their assessed valuations.

In the administration of county affairs in the county of Schuylkill greater care has been exercised in the expenditures, the system and method of fiscal supervision has improved, and there is in some of the county offices a manifest desire to conduct the business of the county with some regard to the interest of the taxpayer.



The rates of taxes for the year 1899 and the total Girard Estate taxes levied in the last two years were as follows:

Township or Borough.	County.	School.	Borough or Road.	Special Road.	Poor.	1899. Total Mills.	1899. Total Tax.	1898. Total Tax.
Conyngham . .	4 mills.	15 mills.	6 mills.	. . . .	13 mills.	38	\$2,506 48	\$2,637 51
Roaring Creek	4 "	3 1/4 "	7 "	. . . .	1/2 mill.	15	1 80	1 74
Butler . . . .	9 "	13 "	4 1/2 "	. . . .	. . . .	26 1/4	11,189 10	11,231 32
W. Mahanoy . .	9 "	13 "	3 "	. . . .	. . . .	25	25,123 15	25,223 64
Gilberton . . .	9 "	13 "	8 "	. . . .	. . . .	30	1,540 05	1,540 05
Shenandoah . .	9 "	14 "	13 "	. . . .	. . . .	36	1,726 38	1,678 43
Girardville . .	9 "	15 "	4 "	. . . .	. . . .	28	1,098 30	1,137 53
Mahanoy . . . .	9 "	7 1/2 "	2 1/2 "	. . . .	. . . .	18 1/2	200 37	198 16
Union . . . . .	9 "	3 "	6 "	. . . .	. . . .	18	645 46	627 53
East Union . . .	9 "	7 "	7 "	2 mills.	. . . .	25	533 80	512 45
Delano . . . . .	9 "	10 "	4 "	. . . .	. . . .	23	10 42	9 96
Kline . . . . .	9 "	10 "	10 "	4 mills.	. . . .	33	8 42	10 20
							\$44,583 73	\$45,008 52

Very respectfully yours,

HEBER S. THOMPSON,

*Engineer Girard Estate.*

POTTSVILLE, PA., December 30th, 1899.

APPENDIX C.

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REPORT

OF

THE GIRARD WATER COMPANY

FOR THE YEAR 1899.

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BOARD OF DIRECTORS.

LOUIS WAGNER, *President*.

JOHN H. CONVERSE,  
DALLAS SANDERS,

JOHN K. CUMING,  
EDWIN S. STUART.

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OFFICERS.

*Secretary* . . . . . GEORGE E. KIRKPATRICK, Philadelphia.  
*Treasurer* . . . . . FRANK M. HIGHLEY, Philadelphia.  
*General Manager* . . . HEBER S. THOMPSON, Pottsville.  
*Superintendent* . . . . EMIL C. WAGNER, Girardville.  
*Solicitor* . . . . . SAMUEL H. KAERCHER, Pottsville.

## GIRARD WATER COMPANY.

### GENERAL MANAGER'S REPORT.

MESSRS. LOUIS WAGNER, *President*, and JOHN H. CONVERSE, DALLAS SANDERS, JOHN K. CUMING, EDWIN S. STUART, *Directors, of the Girard Water Company.*

GENTLEMEN :—The real estate, reservoirs, water mains and buildings continue at this date as they were a year ago, comprising fourteen hundred and eighty-seven and thirty-seven hundredths acres of mountain land covering the water-shed of Lost Creek and Raven Run streams, four reservoirs with a capacity of 177,029,903 gallons, the pipe main connecting Reservoirs No. 3 and No. 4, and the stone cottage buildings occupied by the watchmen at Reservoirs No. 3 and No. 4.

The lands have been protected from fire, and the effort, in conjunction with the Girard Estate, to reforest the part of the water-shed immediately contiguous to the streams and water sources has been continued. Thirty-one thousand five hundred young Scotch Pine and White Pine trees, beside three acres in White Oak seed, were planted in the fenced lands on the water-shed of Lost Creek. Mr. Henry L. Graves, Superintendent of Working Plans of the Division of Forestry, United States Department of Agriculture, who examined and reported upon the timber lands of the Girard Estate this year, says, with reference to the forestry work of the Girard Water Company and the Girard Estate at this point: "If it is desirable to restock the slopes about a reservoir in a short time, planting is by far the best method, and the work done by the Girard Estate along this line is the most interesting of any forest experiments by private concerns which I have seen in the United States."

The stone cottage residences of the watchmen at Reservoirs No. 3 and No. 4 were each fitted with an excellent heating plant in January, which did good service for the protection of the families

occupying them, as the weather in February was unusually severe, the temperature at the reservoirs being on February 10th twenty-two and on February 11th eighteen degrees below zero. A stone kitchen addition was built to the cottage at Reservoir No. 4. New agreements were made to supply water for fifteen years ending December 31st, 1913, to the following collieries :—

COLLIERY.	COLLIERY OPERATOR.
Packer No. 1 Slope . . . . .	Lehigh Valley Coal Company.
Packer No. 1 Shaft . . . . .	Lehigh Valley Coal Company.
Packer No. 2 . . . . .	Lehigh Valley Coal Company.
Packer No. 3 . . . . .	Lehigh Valley Coal Company.
Packer No. 4 . . . . .	Lehigh Valley Coal Company.
Hammond . . . . .	Philadelphia and Reading Coal and Iron Co.
William Penn . . . . .	Susquehanna Coal Company.

Agreements to supply water for five years were made as follows :—

To Girard Washery of W. R. McTurk & Co., ending March 1st, 1903.  
 To Raven Run Washery of Madeira, Hill & Co., ending May 1st, 1903.  
 East Lost Creek to William Parfit *et al.* ending November 1st, 1903.  
 North Lost Creek to James F. Gallagher *et al.*, ending November 1st, 1903.  
 West Lost Creek to Michael A. Noone, ending November 1st, 1903.

During the year ending December 31st, 1899, the Company supplied to collieries 176,156,391 gallons, to railroads 10,845,574 gallons, and to towns, for domestic use, 53,221,005 gallons, making a total of 240,222,970 gallons of water.

The quantities supplied each month were :—

In January . . . . .	20,398,632 gallons.
“ February . . . . .	20,432,165 “
“ March . . . . .	20,153,587 “
“ April . . . . .	17,493,400 “
“ May . . . . .	19,223,524 “
“ June . . . . .	18,532,122 “
“ July . . . . .	21,658,731 “
“ August . . . . .	21,522,876 “
“ September . . . . .	19,223,524 “
“ October . . . . .	21,753,260 “
“ November . . . . .	19,552,644 “
“ December . . . . .	20,278,505 “

Total year ending December 31st, 1899 240,222,970 gallons.

The quantity supplied to each colliery, railroad, borough, and village was as follows :—

To William Penn Colliery . . .	58,631,232	gallons.	
“ Hammond Colliery . . . .	31,347,184	“	
“ Preston No. 2 and Bast Col- lieries . . . . .	19,371,704	“	
“ Packer No. 1 Colliery (shaft)	17,905,624	“	
“ Draper Colliery . . . . .	12,000,000	“	
“ Packer No. 2 Colliery . . .	11,012,056	“	
“ Packer No. 4 Colliery . . .	9,365,708	“	
“ Packer No. 3 Colliery . . .	8,109,816	“	
“ Packer No. 1 Colliery (slope)	5,941,675	“	
“ Girard Washery . . . . .	2,471,392	“	
Total for mining operations . . . .	176,156,391	gallons.	73 %
To the Schuylkill Traction Co.	7,351,666	gallons.	
“ the Lehigh Valley Railroad Company . . . . .	3,493,908	“	
Total to railroads . . . . .	10,845,574	gallons.	5 %
To Girardville Borough . . .	42,252,276	gallons.	
“ Shenandoah Citizens' Water Company . . . . .	6,717,788	“	
“ L. V. C. Co., houses at Lost Creek . . . . .	2,256,773	“	
“ William Parfit <i>et al.</i> , E. Lost Creek . . . . .	1,301,520	“	
“ James F. Gallagher <i>et al.</i> , N. Lost Creek . . . . .	591,668	“	
“ Patrick M. Noone, W. Lost Creek . . . . .	100,980	“	
Total to towns for domestic use . .	53,221,005	gallons.	22 %
Total to all consumers . . . . .	240,222,970	gallons.	100 %

The Girard Estate built two of the present four reservoirs and supplied water to its collieries and to the villages on the Estate for five years, when, its works being about to be seized and condemned by a party of speculators seeking a charter from the State for the purpose, the Girard Water Company was organized, and commenced business on January 1st, 1884.

In the sixteen years since that date the Company has supplied 2,565,725,278 gallons of water. The quantities furnished each year have been as follows :—

In the twelve months to December 31, 1884					92,848,023 gallons.
"	"	"	"	"	1885 149,350,286 "
"	"	"	"	"	1886 123,716,803 "
"	"	"	"	"	1887 81,318,299 "
"	"	"	"	"	1888 102,205,751 "
"	"	"	"	"	1889 103,896,900 "
"	"	"	"	"	1890 122,503,850 "
"	"	"	"	"	1891 125,115,998 "
"	"	"	"	"	1892 170,985,664 "
"	"	"	"	"	1893 191,642,967 "
"	"	"	"	"	1894 219,485,513 "
"	"	"	"	"	1895 225,386,086 "
"	"	"	"	"	1896 187,436,786 "
"	"	"	"	"	1897 211,624,474 "
"	"	"	"	"	1898 217,984,908 "
"	"	"	"	"	1899 240,222,970 "

Total water furnished in 16 years 2,565,725,278 gallons.

The average gross price received for all water supplied during the year 1899 was eight and six one-hundredths (\$.0806) cents for each thousand gallons. The average gross price received for all water furnished in the last ten years was :—

In 1890 . . . . 8.25 cents for each thousand gallons.

" 1891 . . . .	8.35	"	"	"
" 1892 . . . .	8.23	"	"	"
" 1893 . . . .	8.04	"	"	"
" 1894 . . . .	7.49	"	"	"
" 1895 . . . .	7.79	"	"	"
" 1896 . . . .	7.72	"	"	"
" 1897 . . . .	7.73	"	"	"
" 1898 . . . .	8.00	"	"	"
" 1899 . . . .	8.06	"	"	"

The capacity of the reservoirs of the Company, and the quantities of water at present stored in them, are as follows :—

	Depth of Water.	Capacity.	Depth of Water.	Present Quantity Stored.
	8 feet.	400,000 gallons.	8 feet.	400,000 gallons.
Reservoir No. 1 . . . . .	8			
Reservoir No. 2 . . . . .	23.4 "	29,956,785 "	23.4 "	29,956,785 "
Reservoir No. 3 . . . . .	28 "	73,092,228 "	28 "	73,092,228 "
Reservoir No. 4 . . . . .	27.3 "	73,589,890 "	27.3 "	73,589,890 "
Total . . . . .		177,029,903		177,029,903

During the first five months of the year the reservoirs continued full to overflowing, the inflow of the streams being sufficient to supply all demands. During the months of July, August, September and October the stored water was drawn upon, and at one time 38,771,675 gallons had been used, leaving still on hand 138,258,228 gallons, or more than a six months' supply.

The rainfall during and the stored water at the end of each month of the past year were as follows :—

Rainfall during month, 1899.		Quantity of water stored, 1899.	
January . . .	2.76 inches.	January 31 . .	177,029,903 gallons.
February . . .	6.69 "	February 28 . .	177,029,903 "
March . . . .	4.85 "	March 31 . .	177,029,903 "
April . . . .	2.02 "	April 30 . .	177,029,903 "
May . . . . .	3.53 "	May 31 . .	177,029,903 "
June . . . . .	5.40 "	June 30 . .	161,794,069 "
July . . . . .	4.99 "	July 31 . .	142,522,000 "
August . . . .	7.40 "	August 31 . .	138,258,228 "
September . .	6.65 "	September 30 .	149,228,412 "
October . . . .	1.02 "	October 31 . .	147,029,855 "
November . . .	2.63 "	November 30 .	166,045,401 "
December . . .	4.19 "	December 31 . .	177,029,903 "

The monthly and annual rainfall of the thirteen years from 1887 to 1899, during which a record has been kept at the reservoirs, and the monthly and annual average for this period, are as follows :—

	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	Average Thirteen Years.
January . .	5.03	3.50	3.80	2.94	8.74	8.46	4.09	2.72	3.82	1.39	2.59	5.43	2.76	4.25
February . .	5.32	3.45	1.66	4.56	4.36	1.46	7.00	5.52	1.54	6.40	3.46	1.77	6.69	4.09
March . . .	1.32	4.35	2.77	5.25	4.08	7.60	4.82	1.13	2.80	6.00	2.89	4.26	4.85	4.01
April . . .	3.13	3.29	7.23	4.40	3.54	1.77	3.58	5.43	4.91	1.88	3.77	4.21	2.02	3.78
May . . . .	3.65	7.08	6.93	12.41	1.80	4.95	8.51	12.69	3.33	2.23	8.27	6.33	3.53	6.28
June . . . .	6.52	6.50	8.01	4.56	3.70	7.62	2.17	1.79	2.77	5.14	4.17	2.38	5.40	4.69
July . . . .	3.51	3.34	9.46	6.36	9.64	4.35	4.87	2.50	2.73	11.30	5.58	4.84	4.99	5.65
August . . .	8.79	8.58	6.03	6.48	9.47	2.56	4.11	1.47	4.69	1.28	2.64	11.32	7.40	5.76
September .	3.41	8.18	6.50	4.51	1.99	3.42	3.10	5.74	2.69	3.26	2.48	1.14	6.65	4.08
October . .	1.16	4.83	4.41	6.24	3.77	0.41	3.87	7.66	3.47	5.55	1.98	6.18	1.02	3.89
November .	1.98	4.90	10.16	1.67	5.12	4.70	3.57	2.99	2.71	8.05	6.12	5.00	2.63	4.58
December .	4.91	4.62	3.31	4.65	6.23	2.02	3.23	4.75	4.65	1.20	5.92	3.02	4.19	4.05
Year . . . .	48.73	62.62	70.27	64.03	62.44	49.32	52.92	54.39	40.11	53.68	49.87	55.88	52.13	55.11

The average monthly rainfall for thirteen years is  $4\frac{59}{100}$  inches. The deficiency of rainfall for the year 1899 is  $2\frac{98}{100}$  inches, or  $51\frac{41}{100}$  per cent.

Very respectfully yours,

HEBER S. THOMPSON,

*General Manager.*

POTTSVILLE, PA., December 31st, 1899.

**SUPERINTENDENT'S OFFICE.**  
**GIRARD WATER COMPANY.**  
**RECORD OF RAIN AND SNOW FALLS**  
 (EXPRESSED IN INCHES AND HUNDRETHS)  
**DURING THE YEAR 1899,**  
**AT LOST CREEK DAMS, ON NORTH MAHANAY MOUNTAIN, SCHUYLKILL COUNTY, PA.**  
 ELEVATION ABOVE TIDE, 1605 FEET.

Month.	Snow.	Melted.	Rain.	Total.	Total per Month.	Month.	Rain.	Total per Month.	Month.	Snow.	Melted.	Rain.	Total.	Total per Month.
Jan.	6 600	1 24	...	1 24		May.	1 ... 04		Sept.	1 ... ..	...	02	...	
" 14	...	...	20	20		" 2	...	32	" 2	...	...	07	...	
" 16	...	...	22	22		" 11	...	82	" 8	...	...	1 40	...	
" 24	...	...	85	85		" 13	...	33	" 11	...	...	87	...	
" 29	...	03	...	03		" 16	...	26	" 19	...	...	80	...	
" 31	2 00	22	...	22		" 17	...	24	" 20	...	...	20	...	
	8 25	1 49	1 27		2 76	" 18	...	36	" 21	...	...	30	...	
Feb.	3	...	25	25		" 27	...	16	" 25	...	...	1 50	...	
" 4	2 00	21	...	21		" 29	1 00		" 26	...	...	74	...	
" 5	2 00	21	...	21				3 53	" 29	...	...	75	...	
" 6	2 00	20	...	20		June.	1 ... 46					6 65	6 65	
" 7	3 00	30	...	30		" 5	...	05						
" 8	6 00	72	...	72		" 6	...	02						
" 11	4 00	44	...	44		" 8	...	30						
" 12	12 00	1 32	...	1 32		" 15	...	22						
" 13	14 00	1 52	...	1 52		" 20	...	1 15						
" 16	1 00	16	...	16		" 24	...	1 35						
" 18	...	25 03	...	08 11		" 25	...	40						
" 19	...	25 03	...	03		" 28	...	1 20						
" 26	...	...	1 00	1 00		" 29	...	25						
" 27	...	...	22	22				5 40						
	46 50	5 14	1 55		6 69	July.	6 ... 08					1 02	1 02	
March.	2 ... 25	...	16	...	16	" 8	...	1 58						
" 4	...	...	14	...	14	" 9	...	12						
" 5	...	...	14	...	14	" 12	...	51						
" 7	5 00	50	...	50		" 13	...	06						
" 12	...	...	08	...	08	" 15	...	48						
" 15	...	...	30	...	30	" 16	...	22						
" 18	...	...	30	...	30	" 17	...	06						
" 19	3 00	44	1 00	1 44		" 20	...	02						
" 22	1 00	42	09	51		" 25	...	20				1 00	16 2 47	2 63
" 23	...	...	30	...	30	" 26	...	47						
" 25	2 00	22	...	66		" 27	...	08						
" 28	...	...	66	...	66	" 29	...	80						
" 29	1 00	10	...	10		" 30	...	31						
	12 25	1 84	3 01		4 85	Aug.	2 1 80	4 99						
April.	7 ... 50	...	12 1 11	1 23		" 5	...	02						
" 12	...	...	13	...	13	" 10	...	1 38						
" 16	4 00	56	10	66		" 12	...	31						
	4 50	68	1 34		2 02	" 21	...	53						
						" 26	...	36						
						" 27	...	3 00						
								7 40						
												3 75	48 3 71	4 19

			Snow Fall.	Precipitation.
Total snow fall for year.....	76.25 inches.	1899.....	76.25	52.13
Total precipitation for year .....	52.13	1898.....	75.50	55.88
Average monthly precipitation.....	4.34	1897.....	58.00	49.87
Greatest monthly precipitation, August.....	7.40	1896.....	52.00	53.68
Least monthly precipitation, October.....	1.02	1895.....	49.75	40.11
Greatest daily rain fall, August 27th.....	3.00	1894.....	99.50	54.39
Average yearly snow fall in 13 years .....	65.91	1893.....	94.87	52.92
Snowfall for 1899, above average .....	10.34	1892.....	76.62	49.32
Average yearly precipitation in 13 years.....	55.11	1891.....	42.75	62.44
Precipitation for 1899, below average.....	2.98	1890.....	52.25	64.03
Average monthly precipitation in 13 years.....	4.59	1889.....	31.87	70.27
		1888.....	60.00	62.62
		1887.....	87.50	48.73

GIRARDVILLE, PA., December 31st, 1899.

E. C. WAGNER, *Superintendent.*



## GIRARD WATER CO.

### TREASURER'S REPORT.

#### Assets and Liabilities, December 31st, 1899.

##### ASSETS.

Works on Lost Creek and Raven Run . . . . .	\$201,645 52	
Cash . . . . .	1,653 17	
Water rents due and uncollected . . . . .	81 49	
Lot rentals due and uncollected . . . . .	2 25	
		\$203,382 43

##### LIABILITIES.

Capital stock . . . . .	\$200,000 00	
Dividends uncollected . . . . .	322 50	
		200,322 50
Surplus . . . . .		\$3,059 93

#### Cash Receipts and Payments during the Year 1899.

##### RECEIPTS.

Water rents . . . . .	\$19,708 10	
Ice cutting privilege . . . . .	148 31	
Rent of real estate . . . . .	42 75	
Miscellaneous receipts . . . . .	19 70	
		\$19,918 86
Cash Balance, January 1st, 1899 . . . . .		293 52
Amount carried forward . . . . .		\$20,212 38

*Amount brought forward* . . . . . \$20,212 38

PAYMENTS.—EXPENSES.

Taxes . . . . .	\$1,000 00	
Rent of pipe lines—		
1898, on account,		
\$2000; 1899, \$5000 .	7,000 00	
Repairs and improve-		
ments to reservoirs .	19 80	
Repairs and improve-		
ment to buildings . .	1,013 95	
General improvements .	114 93	
Salaries . . . . .	840 00	
Team hire . . . . .	180 00	
Miscellaneous expenses,	352 93	
Stationery and printing,	57 60	
	— — —	\$10,579 21
Dividend . . . . .	7,980 00	
	— — —	18,559 21
<i>Cash Balance, December 31st, 1899</i> . . . .		<u>\$1,653 17</u>

FRANK M. HIGHLEY,  
*Treasurer.*

PHILADELPHIA, December 31st, 1899.



## APPENDIX D.

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### OFFICERS OF GIRARD COLLEGE.

JANUARY 1, 1900.

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#### PRESIDENT.

ADAM H. FETTEROLF, Ph. D., LL. D.

#### VICE-PRESIDENT.

WINTHROP D. SHELDON, A. M.

#### FACULTY AND TEACHERS.

JAMES N. WALKER, A. M., <i>Professor of English and Literature.</i>	CALIXTO GUITERAS, C. E., <i>Professor of Spanish.</i>
FRED'K PRIME, A. M., Ph. D., <i>Professor of Natural History.</i>	ALFRED NEWLIN SEAL, Ph. D., <i>Professor of Chemistry and Physics.</i>
JOHN K. HARLEY, M. E., <i>Professor of Bookkeeping, Penmanship, and Drawing.</i>	CAPT. FRANK A. EDWARDS, First Cavalry, U. S. A., <i>Professor of Military Science and Tactics.</i>
C. ADDISON WILLIS, M. E., <i>Professor of Mathematics.</i>	ARCHIBALD COBB, <i>Teacher of Phonography.</i>
PIERRE FRANÇOIS GIROUD, Licencié ès Lettres (Univ. of France), <i>Professor of French.</i>	MISS MARIAN B. HERITAGE, <i>Teacher of Elocution.</i>

#### LIBRARIAN.

MISS MARY MECUTCHEN.

#### TEACHERS IN THIRD FORM.

MISS CHARLOTTE E. OVERN,	MISS MARY D. WARE,
MISS HESSY R. MILLER,	MISS VIRGINIA B. TUCKER,
MISS EMILY P. TOWN,	MISS SUSAN B. PRICE,
MISS INEZ E. WALSH,	MISS LOUISE ST. C. WOLF,
MISS ELIZABETH McDUFFEE,	MISS MARY E. ROBB,
MISS MARGARET WYLIE.	

## TEACHERS IN SECOND FORM.

MISS ANNIE D. SWIFT,	MISS MARY PEOPLES,
MISS JANE PEOPLES,	MISS GEORGIE A. CURRIE,
MISS KATHARINE H. BROPHY,	MISS C. JESSICA J. DONNELLY,
MISS LAURA E. BAYMORE,	MISS BESSIE BURNETT,
MISS BESSIE SHARP,	MISS IONA M. NOWLEN,
MISS EMILY E. PAYNE,	MRS. EVA ROBERTS STEVENS.

## TEACHERS IN FIRST FORM.

MISS CARMELITA E. BOETTGER,	MISS JANE KNOX JACKSON,
MISS HELEN A. WILSON,	MISS IDA F. TIMMONS,
MISS CHARLOTTE A. RAGOTZKY,	MISS KATHERINE S. PAUL,
MISS KATHERINE L. MORGAN,	MISS LILLIE MacFARLAND,
MISS ANNA M. SHENK,	MISS MARTHA D. SHARP,
MISS NELLIE ALBRECHT,	MISS LAURA MAE BENSON,
MISS LENNA M. VAUTIER.	

MISS FANNY WEST, <i>Teacher of Drawing.</i>	WILLIAM D. BASTERT, <i>Instructor of Brass Band.</i>
THOMAS A'BECKET, <i>Organist.</i>	THOMAS WINN, <i>Precentor.</i>
JERRY MARCH, <i>Professor of Vocal Music.</i>	LOUIS LEWIS, <i>Instructor of Gymnastics.</i>

## MECHANICAL SCHOOL.

THELWELL RUSSELL COGGESHALL,  
*Superintendent.*

DAVIS EAVENSON, <i>Instructor in Wood Turning.</i>	JOHN UPRICHARD, <i>Instructor in Plumbing.</i>
CHARLES M. KNAPP, <i>Instructor in Electrical Mechanics.</i>	ROBERT H. CLINGER, <i>Instructor in Carpentry.</i>
CHAS. S. WILLIAMSON, B.S., <i>Instructor in Mechanical Drawing.</i>	WM. HOWARD ECHTERNACH, <i>Instructor in Foundry.</i>
GEORGE A. PEDDLE, <i>Instructor in Iron Work.</i>	GEORGE W. NORTON, B.S., <i>Instructor in Sloyd.</i>
JOSEPH G. SIMCOCK, <i>Instructor in Blacksmithing.</i>	

## HOUSEHOLD.

### MATRON.

MISS ANNA M. SHREVE.

### ASSISTANT MATRON,

MRS. ELIZABETH B. THOMPSON.

### GOVERNESSES.

MISS MARY L. GOVERS,	MISS ADELE C. CASE,
MISS SALLIE M. CHEW,	MISS ELIZABETH EKINGS,
MISS CAROLINE M. WHITECAR,	MRS. HANNAH E. EARLE,
MRS. FANNY T. BOAS,	MRS. EDITH W. STONE,
MISS ANNA B. GROVE,	MISS LILIAN T. SMITH,
MISS VIRGINIA MILLER,	MISS SARA H. WHITBY,
MRS. EMMA NOBLE,	MISS MARGARETTA P. BULLOCK,
MRS. ELIZABETH KRICKBAUM,	MISS MARY MCBRIDE,
MRS. ANNA H. RAINIER,	MRS. MARGARET A. SPIESE,
MISS MARY FRANKLIN,	MISS ELIZABETH THORNILEY,
MISS PHOEBE C. SILLIMAN,	MISS LIZZIE C. DARE.

### STEWARD.

FRANK O. ZESINGER.

### SENIOR PREFECT.

WILLIAM H. KILPATRICK.

**PREFECTS.**

HENRY HANBY HAY,  
WILLARD B. RIVELL,  
FRANK H. DANENHOUR,  
GEORGE W. PRICE,  
WILLIAM H. HAGER,  
JAMES B. MACDERMOTT,  
TOWNSEND R. WOOD,  
ALBERT B. HARMER,

CHARLES E. DAVIS,  
ISAAC P. WALKER,  
CHARLES C. HENSHEN,  
THOMAS W. FERGUSON,  
GEO. D. RISE, JR.,  
GILLINGHAM F. DOUGHTY,  
WILLIAM L. DAWES,  
B. FRANK WICKERSHAM.

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**VISITING PHYSICIAN.**

WILLIAM S. JANNEY, M. D.

**RESIDENT PHYSICIAN,**

WITTEN BOOTH RUSS, M. D.

**DENTIST,**

WILBUR F. LITCH, M. D.

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**SUPERINTENDENT OF ADMISSION AND INDENTURES.**

JOHN S. BOYD, Stephen Girard Building, 21 South Twelfth Street.

# GIRARD COLLEGE.

## PRESIDENT'S REPORT FOR 1899.

GIRARD COLLEGE, January 1st, 1900.

*To the Board of Directors of City Trusts:*

GENTLEMEN:—During the year 1899 there were admitted to the College 193 boys.

### DISCHARGED:—

#### Indentures canceled—

To enable them to accept positions.....	177	
On mother's plea of ability to support.....	8	
Given up to mother .....	1	
Names stricken from the rolls.....	2	
Malconduct .....	4	
		192
Bound out .....		2
Eighteen years of age.....		1
Dismissed .....		5
		200
Died .....		2
Number enrolled December 31st .....	1,529	

There were the following changes in the College staff during the year:—

N. Wiley Thomas, Ph. D., professor of Chemistry and Physics, resigned.

Miss Martha G. McLaughlin, teacher in Third Form, resigned.



Miss Clara G. Duffy, teacher in Second Form, resigned.

Mr. George P. Rupp, Librarian, resigned.

Mr. Joseph Astley, instructor in Blacksmithing, removed.

Mr. Thomas Perrins, Steward, retired.

Dr. Thomas had been connected with the College since 1884, and was one of our ablest and most popular instructors. He resigned to accept a responsible position in the Department of Public Works in the city of Philadelphia. He is succeeded by Dr. Alfred N. Seal, who comes to us well equipped with knowledge and training, together with a number of years' experience as a practical chemist.

Miss Laura Mae Benson and Miss Lenna M. Vautier were elected to the vacancies left by the resignation of Miss McLaughlan and Miss Duffy; and Joseph G. Simcock takes the place of Mr. Astley as instructor in the Mechanical School. The position of College Librarian, made vacant by the resignation of Mr. Rupp, was filled by the appointment of Miss Mary Mecutchen, who continues the card catalogue system so well inaugurated by Mr. Rupp.

Early in the year, Dr. John R. Forst, who had served the College as Resident Physician since 1894, retired from duty, and was succeeded by Dr. Witten Booth Russ.

Capt. Frank A. Edwards, First United States Cavalry, who joined his regiment at the breaking out of the Spanish-American War, has not yet returned to the institution. In the meantime, Prefect George D. Rise, Jr., has command of the cadets, under whose instruction and training the efficiency of the corps is well maintained.

Mr. Thomas Perrins, who retires from the position of Steward after thirty years of continuous service, carries with him the high regard and good wishes of all connected with the College. In the discharge of his many and varied duties he always evinced an obliging disposition and the honesty and integrity of character which win confidence and inspire respect. In the business community he was everywhere esteemed for his fair dealing and uncompromising devotion to the interest of the trust committed to his keeping.

He is succeeded by Mr. Frank O. Zesinger, who for a number of years held the position of Assistant Steward.

## INSTRUCTION.

In the Fourth Form an important step forward has been taken in the adoption of a new schedule of recitations. This involves a number of changes, among which are:—

1. The school day is divided into seven periods, in place of six, as heretofore. It is believed that by having more frequent recitations, a better interest will be sustained.

2. The number of studies pursued at a time is reduced, an advantage which will enable the student to make a more thorough preparation of each lesson.

3. By shortening the recitation periods, time is left for study periods during the day. Formerly all lessons had to be prepared during the evening hours. It will also be greatly to the pupil's advantage to have some study periods at a time when he can have the supervision and assistance of the instructor.

As the Fourth Form stands practically in the place of the public high school, from which boys are graduated to enter public life, it is important that the work should be such as to give not only scholastic knowledge, but also training of mind and character. To this end thoroughness is the first requisite. The mind should be prepared not only to acquire knowledge, but to assimilate knowledge. The pupil should be taught to reason and analyze, rather than to memorize. Not only the studies, but the studying, should be directed with this object in view.

## MATHEMATICS.

In the Department of Mathematics there have been during recent years a number of changes, such as the conditions and times have suggested and warranted. The teaching in this department includes in this order of sequence the following branches: Advanced Arithmetic, Algebra, Geometry, Trigonometry, Surveying, and Navigation. There being but one instructor, no studies overlap. As the whole time for the course is but three years, it will be noticed that the time

is very limited in which the pupils are required to master even the elementary principles of so many subjects, all of which are so important and so allied that none can be omitted or even slighted. Hence, it becomes necessary to determine the most valuable parts, and especially those which in each pertain to the study of the more advanced branches. While utility is everywhere emphasized, we aim at the same time to instill into the minds and hearts of the pupils a love for mathematical analysis and an appreciation of its simple and obvious beauties, habits of exact and rigorous thought, rather than a reliance upon rules and mere mechanical methods.

In Arithmetic, problems of analysis and such geometrical problems as involve only simple laws of figures, are taken up. Algebraic expressions and equations also are gradually introduced, so that by the time Algebra and Geometry are studied with the aid of text books, the pupils feel that they have already a slight acquaintance with these subjects. Models are freely used in the classroom, and practice given in making exact drawings, diagrams, and paper figures.

In Algebra, a thorough drill in the elementary operations is given, expression writing and interpretation, part of factoring, fractions, simple equations in one and several unknown quantities, numerous and varied problems, both numerical and literal; the binomial theorem, and a brief exercise in quadratics. In Geometry due attention is given first to the general properties of figures and methods of analysis. A comprehensive introduction is followed by the sequence and dependency of propositions, and the logical development of the science is constantly brought into notice. Numerical applications are made when possible, and original work is carried along throughout the entire course. Rigorous methods and demonstrations are insisted on, and the reason rather than the memory is encouraged. Algebraic analysis is applied when useful. The time hitherto allowed to the study of Geometry has been too short for any extended work. Under the new schedule it has been considerably extended, and better results will follow.

In Trigonometry, too, the area of instruction can be but a part of the subject presented by the average text book. As in Algebra, we begin with simple numerical application of the peculiar methods of analysis; and comparison is made between the analytic and the geometric, or constructive methods. The methods of mathematical investigation, as exemplified in this science, are explained by lectures, and a small part of each of the various tables of trigonometrical quantities is calculated in class. The simpler algebraic laws and the solution of plane triangles, constitute the ground covered. Many applications to useful problems are introduced.

In Surveying, the instruction follows the natural method of correlating the text of the treatise on Surveying, with measurements taken in the open air of various areas, contours, &c., of portions of the College grounds. The boys take personal notes, which are used later in drawing outline maps and making corresponding calculations. In Navigation we use a portion of the time allotted to Surveying. Calculations in plane sailing, a description of nautical instruments, their principles of construction and of operation, and an exhibition of the instruments in the mathematical cases, make up the work of this branch of Mathematics.

#### ENGLISH LITERATURE AND HISTORY.

Boys from the Third Form on being advanced to this department, are required to spend at least two terms in reviewing formal grammar. In connection with this study we make use of Buehler's Practical Exercises in English—a work which assists the student both in writing and speaking—not by correcting false syntax, but by constructing sentences in accordance with good usage. He is taught to see the nice distinctions that should be made in the proper use of words. In the second year of the course Butler's School English is used. It serves as an excellent introduction to the work of the following year. During the third or last year, Genung's Outlines of Rhetoric is the text book used, for the study of which the students have now had the proper preparation. One composition a week of not less than five hundred words

is required. After the essay has been carefully criticized, it must be rewritten with all the criticisms and corrections in mind. Under the new schedule of recitations this department is now better prepared for the work of composition and literature than heretofore.

In Literature, the student is sent directly to the works of the authors and writers under consideration, and we are now prepared to supply the students of any one class with some of the writings of such men as Burke, Scott, Shakespeare, Milton, George Eliot, Goldsmith, Emerson, Macaulay, Tennyson, Lamb, Webster, Pope, Longfellow, Hawthorne, and DeFoe.

In History we begin with the United States, and afterwards take up in succession English, French, Grecian, Roman, and Mediæval. The study of Civil Government is not begun until the last year, believing, as we do, that the subject demands the best thought and maturity of mind of the student. All his previous studies serve as a good foundation for this work. We are able during the year to go over most of the matter contained in the treatises of Professor Macy and Mr. John Fiske.

#### FRENCH.

The work of this department will be greatly facilitated and the interest enhanced under the system of daily lessons as provided for in the new schedule. The method used is an adaptation of the "Series" system, of which the main features are:—

(a.) The selection of facts of daily life presented as units, with all the details which they naturally suggest to the mind.

(b.) The expression of the facts thus perceived into clear but idiomatic sentences, chronologically evolved.

(c.) The teacher and the pupils being thus put into a communion of ideas clearly perceived and idiomatically expressed.

(d.) The words being taught in sentences; that is, their actual living functions—not separately, as in a dictionary.

(e.) The verb being made the principal object of study, as it describes the facts perceived.

(f.) The ear and tongue are trained first, not through spelling or English sounds, but directly from French sounds emitted by the instructor, a much purer pronunciation being thus obtained.

(g.) The elements of grammar explained incidentally, although systematically, out of the language itself.

When the pupil has acquired a sufficient vocabulary, Grammar is taught regularly by means of rules and exercises in translation and compositions. Then abundant reading matter is given to the student. This method can be applied only where there are daily consecutive recitations, as provided under the new schedule.

#### MANUAL TRAINING.

Manual Training still continues to be an important feature of education in Girard College, as well as elsewhere. An interesting event of the year was a conference held in June at the Teacher's College of Columbia University, New York City. The meeting was attended by representatives of the principal manual training schools of the country, and among them were several instructors from our own Mechanical Department. An exhibition was held of work from various leading schools, showing their methods and results. Our school, including the classes in Sloyd, sent quite a full exhibit. We were much gratified to learn that it was among the best, and called forth many expressions of praise from visitors. Various practical questions of interest to teachers of manual training were discussed. It is very desirable that as many as possible of our instructors in this department should attend the annual sessions of this conference, in order that they may keep in touch with the progress that is being made from year to year in this important branch of education.

We are pleased to report that our Sloyd school is coming up to our highest expectations. During the past year the boys have shown a steadily growing interest in Sloyd work, as well as a marked development of skill in the use

of tools. The work is conducted along the lines of general education rather than as a means of special development of technical skill. To this end the instructor has followed pretty closely the course of models as developed by years of study in the best Sloyd training schools. The characteristic feature of this course is the progressive series of exercises continuing through the entire course. Each model depends upon the one preceding, and is in turn a preparation for the succeeding one. The models are useful, serviceable, and in most cases familiar objects, calculated to arouse the lively interest of the pupil. The exercises, as well as the tools employed, are arranged with reference to the worker's growing power, calling for a gradual increase of effort, step by step, while the first exercise with each tool is calculated to give a correct effective impression of its typical use.

During the year the boys have made 46 different models. The largest number made by any one boy is 26, while the average is about 12. In the making of these models there are 26 different exercises, involving the use of 20 different tools. While it is not to be expected that every boy has become thoroughly skillful in the use of these twenty tools, he has learned their names and the general and special use of each, and not a few have evinced marked skill. In addition to the regular class work, many of the boys have shown a strong desire to work during the intervals of school, gladly giving up the recreation hours for the privilege of working in the Sloyd room. This privilege is frequently granted to such pupils as show the most skill and diligence in their regular work. Some of the models made during the extra hours show a high degree of efficiency. All the work in this department is done from working drawings, which the pupils are taught to understand and read.

We believe the time has come when the Sloyd work should be extended, both in sending more boys and in giving more time. Under our present curriculum only one lesson of two hours each per week is given. The experience of other schools and that of our best educators convinces us that two lessons of two hours each per week would result in no loss

whatever in the work of the regular branches. while the progress in Sloyd would be proportionately much greater than at present.

#### BACKWARD BOYS.

What can be done with or for the backward boy? This is a question that confronts us constantly. There are boys in every school who linger in the same grade term after term. This is unfortunate for them and for the class to which they belong, as the *personnel* of every class should be entirely changed every year. As a matter of fact, there are a large number of boys who, under present conditions, require three or four terms to complete with reasonable satisfaction the work which a boy of average capacity can finish in one term. At the close of the Fall term of 1899 there were in the First Form thirty-four boys who had been in their respective grades at least three terms (eighteen months); and in the Second Form there were forty. The slow progress of these boys is due in some cases to sheer laziness; in a large number of cases to great natural slowness of mind, united, in some instances, with laziness; and in a very few it may be due to absolute incapacity. Some do fairly well in almost every branch except Arithmetic, while in this they fail to make progress under the ordinary course of class instruction. It is manifestly a serious disadvantage to the boy himself to remain so long in one grade. For he loses what little ambition he might have had, and sometimes even his slow rate of progress almost ceases. It is a disadvantage to the class, also, to have a boy continue in it so long, as one who has been in the class longer than others, and is older and of larger size, often has an influence in many ways highly detrimental to good discipline, and even to good morals.

Such boys can be helped only by patient, long-continued, individual instruction. A child whose mind develops slowly, either from laziness or from mental incapacity, to grasp readily the elements of knowledge, or from both causes, requires both personal guidance and supervision for some time, until he is fairly started upon the road of learning. The right



management of such a case at the very beginning will, we believe, have a permanent influence upon his progress hereafter. Unless taken in hand promptly he is likely to become more or less confirmed in mental stagnation.

With forty boys to instruct it is impossible for the regular class teacher to give such cases the minute unremitting personal attention they require. As an experiment we have adopted a plan by which the Infirmary teacher shall hereafter devote a large part of her time to such boys. As soon as a boy is found to require special treatment he is placed under the care of this teacher, who, by consultation with the regular instructor and by a personal study of the case, ascertains his deficiencies and mental characteristics. He will receive as long as may be necessary the careful individual tuition suited to his special needs. This plan has been found to work well in other schools. The teacher will have only a few boys in her charge at any one time; and in a comparatively short time we believe that most of them will obtain such a start that they will be enabled to go on with the regular work of the class. And such as will prove themselves hopelessly deficient so as to be no longer benefited by remaining in the College, can be returned to their mothers or next friends, or sent to an institution for defective children.

#### LECTURES, ENTERTAINMENTS, AND HOLIDAYS.

We are having this season the fourth of our series of lectures and entertainments. The lectures are upon subjects of general and current interest, whether historical, scientific, or literary. The lecturers are gentlemen chosen because of their fitness both in attainment and ability to meet the wants of our audience. The entertainments are of a character to amuse, please, and interest, without being frivolous. The boys look forward to these occasions as a pleasant variety in their school life.

We also make use of all State and national holidays to teach lessons of good citizenship and a becoming respect and admiration for the distinguished men in whose memory the days are observed. There are special exercises on Washing-

ton's Birthday, Lincoln's Birthday, Memorial Day, Fourth of July, and Thanksgiving Day; and this year special notice was taken of the centenary of the death of Washington, December 14th.

We look upon holidays as one of the important minor features of the institution. Our pupils are more in need of holidays than the pupils of day schools or of public schools. There is always the longing to see their mothers, from whom they are separated. This is a natural desire, and so should be recognized. The meeting with the mother and other members of the family will add greatly to the boy's happiness, and so aid in his proper development. The love, the freedom, and the general influence of the home cannot be entirely provided for in the institution, even under the best of circumstances. In the institution the boy is constantly under supervision, not only in school, but on the playground, in the dining room, and in the dormitory. This kind of restraint is not the natural environment of the child, and he suffers more or less in consequence. In the public or day school the lad is under supervision five or six hours of the day; in the institution he is under rules and regulations twenty-four hours of the day. There is danger that a constant feeling of restraint may have its effect on mind and disposition. Development is most satisfactory when the heart is glad. There are some unavoidable drawbacks connected with institution life for children, and the younger the child the more serious the disadvantage.

It is for this reason that a day with friends and relatives is a welcome and a wholesome relaxation for the boy away from home and family. It is a free day, and brings with it a degree of exhilaration, together with a sense of responsibility that is most healthful. Neither do we consider that a day out of school is a day lost. There are some boys whose relatives live at a distance from the College, and so cannot go to their homes more than once or twice in a year. What is the effect of a holiday upon such boys? They must do one of two things—either accept the hospitality of some schoolmate, whose home is in the city, or they spend the

day in strolling about the city and its suburbs. The former is probably what they do in nine cases out of ten. But whether he goes out with other boys or whether he goes out by himself, a day in the city is not a day wasted. It is for the country boy a little journey in the world, a world unknown to him. To see the shops and the busy streets, the factories, the ships at the wharf, the large public buildings—stimulates thought, and is not without an educational value. We do not consider it a waste of time for a city boy to wander along the lanes or through the fields of the country. So neither is it misspent time for a boy from the country to wander through the streets of the city.

Sometimes they find their way to places of interest, and gain valuable information. A few days ago some boys who were out on a holiday visited the Commercial Museum, through which they were conducted by one of the attendants. They came back with a knowledge of the exhibits contained there that enlightened even the teacher, and stimulated the entire class. When they visit the wharves they learn about ships and the ports between which they sail, and so in one day gain a knowledge of foreign and domestic commerce such as they would not obtain from books by weeks of study. It is the experience of teachers and officers that boys are in a happier frame of mind during the few days preceding and those following a holiday. They are more willing to perform their required tasks and submit more cheerfully to the daily routine of institution life.

As a rule, we find the meeting between mother and boy proves an aid to discipline. When he appears in the family he is likely to make a good impression. They are all pleased with his genteel appearance, and tell him so. They notice how well he looks, and how comfortably and neatly he is dressed. The mother's heart is made glad, and she assures her boy that the College treats him kindly and considerately, and that she hopes he will so conduct himself as to merit remaining in the College as long as possible. When we are thus indorsed by the mother our influence with the boy is materially strengthened.

## HOUSEHOLD.

The usual vacation repairs were made to the College buildings during the Summer and Autumn. These changes are made from year to year, and because they are gradual, make little impression upon the casual observer; but any one who has not visited the College for a dozen years will notice how much has been done and how greatly the entire College plant has been improved. The neatly-painted school rooms, study rooms, and dormitories, the new electroliers, which are now in most of the buildings, the modern convenient style of desks with which they are furnished, the many maps and pictures which decorate the walls, the books of reference, and other valuable literature found on the teacher's desk and in the class libraries—all attest the interest shown by the Directors and officers in the welfare of the institution. These all enter in to make the wholesome environment which contributes largely to the proper development of the boys.

The new infirmary has proven a great comfort and convenience, as we have now facilities for complete isolation in all contagious diseases. We are pleased to report that our health record for the year is unusually gratifying. The number of fatal cases is two, which is, with one exception, the smallest number we have had in eighteen years. We have taken another step forward in providing facilities for treating all eye cases in our own infirmary. Our resident physician, with the aid of consulting specialists, treats all excepting such cases as require operating. This saves us the annoyance and the risks of sending the boys to the Wills Hospital, where they may be exposed to contagion.

The heavy snowstorms of last winter reminded us that we should be better prepared for coal famines, and not be dependent upon daily delivery. The result is that we now have ample storage bins, and a supply of about 600 tons constantly on hand.

It is becoming more and more evident to the American people that the good citizen is trained in the good home—

that the honesty and the integrity, the firmness and force of character which go to make the strength of any people, must be instilled in early life. The community is made up of families, and as the families are, so will the community be. The institution should be as far as possible one large family, in which are order, affection, devotion, and intelligence, and from which dissensions, selfishness, and deception are excluded. The day, we believe, has passed when children would "hate school," and would look upon their teachers as their natural enemies, whom they obeyed only from fear, and whom they would deceive whenever they could do so without being detected. The relation between teacher and taught, governor and governed, should be that of love and confidence. The pupil should feel that he has in his teacher a sympathizing friend, to whom he can go for counsel in times of perplexity or need, and for comfort and encouragement in seasons of trouble or distress. When the teacher places himself in the position of protector and sympathizer, he will soon have from his pupils that which is due him, viz., allegiance, fidelity, and obedience. The responsibility in the institution, as in the home, lies with the elders. Their life and their teaching must make for the pupils an atmosphere which, as it permeates the daily life, gives the thoughts and the spirit and the motive which make a noble character. We readily believe in the virtues which we see illustrated in the living man or woman. The good citizen unconsciously teaches good citizenship. Heroes teach heroism. The man who practices the Christian virtues most successfully preaches Christianity. The example of the *good Samaritan* and the story of the *widow's mite* will continue to teach the lessons of mercy and self-sacrifice, even though preachers of righteousness and rules and maxims be forgotten.

In reviewing the work of the year we are cheered by many encouraging signs. The teachers and officers are faithful, conscientious, and progressive. The boys, with rare exceptions, apply themselves diligently to their lessons, render cheerful obedience to those in authority over them, and so make good use of their opportunities. The gratifying re-

ports we receive of those who have gone out into active life to earn their livelihood, encourage us to believe that the institution is fulfilling the noble purpose which the beneficent founder had in mind. The successes of the past stimulate us to greater zeal and higher ideals for the future.

I cannot close this report without again expressing our appreciation of the uniform courtesy with which we have been treated by members of the Board, and my own acknowledgment of the loyal support and faithful devotion to duty on the part of all my fellow-workers in the institution.

Respectfully submitted,

A. H. FETTEROLF,  
*President.*

PHILADELPHIA, January 4th, 1900.

A. H. FETTEROLF, Ph. D., LL. D.,

*President.*

DEAR SIR:—I have the honor to report that during the fiscal year ended November 30th, 1899, there was expended for Subsistence the sum of \$118,275.54, accounted for as follows:—

Almonds, p. s. . . . .	372	pounds . . . .	\$79 60
Apple butter . . . . .	2,928	" . . . .	204 96
Apples, dried . . . . .	400	" . . . .	36 00
Bacon . . . . .	2,458	" . . . .	315 96
Baking powder and soda . . . . .			86 09
Barley . . . . .	500	pounds . . . .	10 12
Beans, dried . . . . .	56 $\frac{1}{2}$	bushels . . . .	79 94
Beef, chucks . . . . .	156,296	pounds . . . .	9,849 88
Beef, dried . . . . .	620	" . . . .	104 58
Beef, corned . . . . .	101,157	" . . . .	6,343 82
Beef, roast . . . . .	58,009	" . . . .	6,168 28
Beef, steaks . . . . .	46,193	" . . . .	7,952 48
Buckwheat . . . . .	2,975	" . . . .	71 17
Butter . . . . .	42,521	" . . . .	10,809 69
Cheese . . . . .	1,482	" . . . .	173 19
Chicken . . . . .	14,454	" . . . .	2,032 42
Chocolate and cocoa . . . . .	84	" . . . .	31 56
Cider . . . . .	191	gallons . . . .	24 13
Citron . . . . .	45	pounds . . . .	4 73
Coffee, green . . . . .	19,545	" . . . .	2,072 24
Coffee, roasted . . . . .	30	" . . . .	10 70
Corn, canned . . . . .	214	dozen . . . .	146 52
Cornmeal . . . . .	1,200	pounds . . . .	13 30
Cracker dust . . . . .	500	" . . . .	19 28
Crackers . . . . .	2,311	" . . . .	98 97
Currants . . . . .	220	" . . . .	15 40
Eggs . . . . .	12,123	dozen . . . .	2,302 82
Fancy cakes . . . . .	36	pounds . . . .	24 60
Farina . . . . .	18	dozen . . . .	14 92
Fish . . . . .			1,534 80
<i>Amount carried forward . . . . .</i>			<i>\$50,632 15</i>

<i>Amount brought forward</i> . . . . .		\$50,632 15
Flour . . . . .	1,810½ barrels . . . . .	6,378 22
Gelatine . . . . .	16 gross . . . . .	299 06
Gherkins . . . . .	10 dozen . . . . .	53 60
Hams . . . . .	98,632 pounds . . . . .	9,813 99
Hominy . . . . .	11 barrels . . . . .	23 05
Ice . . . . .	844,880 tons . . . . .	3,378 17
Ice cream . . . . .		889 05
Kidneys . . . . .	8 pounds . . . . .	1 20
Lamb . . . . .		1,987 10
Lard . . . . .	12,420 pounds . . . . .	851 51
Liver . . . . .	1,251 " . . . . .	197 15
Macaroni . . . . .	400 " . . . . .	27 69
Marketing, as follows :—		
Apples . . . . .		\$776 21
Bananas . . . . .		339 72
Berries . . . . .		1,110 57
Cantaloupes . . . . .		120 58
Cherries . . . . .		288 00
Cranberries . . . . .		123 42
Grapes . . . . .		236 25
Lemons . . . . .		160 70
Melons . . . . .		242 10
Oranges . . . . .		276 54
Peaches . . . . .		135 35
Potatoes . . . . .		3,740 54
Vegetables, &c. . . . .		5,591 86
		13,141 84
Milk . . . . .	206,830 quarts . . . . .	10,031 52
Mince meat . . . . .	1,996 pounds . . . . .	179 64
Molasses . . . . .	1,308½ gallons . . . . .	433 20
Mutton . . . . .	8,789 pounds . . . . .	1,212 44
Oatmeal . . . . .	46 barrels . . . . .	184 40
Olive oil . . . . .	24 dozen . . . . .	204 00
Oysters . . . . .		1,371 70
Peaches, canned . . . . .	918 dozen . . . . .	1,450 80
Peaches, dried . . . . .	300 pounds . . . . .	27 75
Pears, canned . . . . .	180 dozen . . . . .	332 28
Peas, canned . . . . .	200 " . . . . .	177 00
<i>Amount carried forward</i> . . . . .		\$103,278 51



<i>Amount brought forward</i> . . . . .		\$103,278 51
Peas, dried . . . . .	87 $\frac{11}{16}$ bushels . . . .	92 51
Pickles . . . . .	7 barrels . . . .	54 50
Pork . . . . .	9,202 pounds . . . .	742 56
Preserves . . . . .	1,660 " . . . .	233 60
Prunellas . . . . .	240 " . . . .	31 20
Prunes . . . . .	4,682 " . . . .	265 92
Raisins . . . . .	46 boxes . . . .	89 83
Rennet, liquid . . . . .	30 dozen . . . .	31 90
Rice . . . . .	4,819 pounds . . . .	252 98
Salt . . . . .	64 sacks . . . .	68 04
Sauce, Worcestershire . . . . .	3 dozen . . . .	13 77
Sauer kraut . . . . .	6 barrels . . . .	40 00
Sausage . . . . .	3,345 pounds . . . .	368 66
Scrapple . . . . .	2,135 $\frac{1}{2}$ " . . . .	107 96
Spices and dried herbs . . . . .	. . . . .	93 81
Starch, corn . . . . .	640 pounds . . . .	27 34
Sugar, "B" . . . . .	63,075 " . . . .	2,941 47
Sugar, granulated . . . . .	34,552 " . . . .	1,769 91
Sugar, pulverized . . . . .	3,865 " . . . .	204 18
Tapioca . . . . .	557 " . . . .	30 92
Tea . . . . .	4,486 " . . . .	1,368 23
Tomatoes, canned (gal- lons) . . . . .	612 dozen . . . .	1,364 00
Tongues, beef . . . . .	20 " . . . .	204 51
Tripe . . . . .	1,369 pounds . . . .	81 83
Turkeys . . . . .	8,279 " . . . .	1,138 09
Vanilla extract, &c. . . . .	25 quarts . . . .	49 05
Veal . . . . .	2,892 pounds . . . .	320 29
Vinegar . . . . .	1,159 $\frac{1}{2}$ gallons . . . .	171 64
Vinegar, malt . . . . .	9 dozen . . . .	15 87
Yeast . . . . .	1,659 pounds . . . .	497 70
Collation, for Alumni, pupils, &c., Founder's Day, May 20th . . . . .		2,000 00
Sundry subsistence . . . . .		324 76
		<u>\$118,275 54</u>

Very respectfully submitted,

FRANK O. ZESINGER,  
*Steward.*

GIRARD COLLEGE INFIRMARY,  
PHILADELPHIA, January 1st, 1900.A. H. FETTEROLF, LL.D.,  
*President.*DEAR SIR:—I have the honor to submit the following report  
of the cases treated during the year 1899:—

Abscess . . . . .	38	Fever, ephemeral . . . . .	52
“ alveolar . . . . .	15	“ simple, continued, . . . . .	9
Acne . . . . .	14	Fracture . . . . .	28
Adenitis . . . . .	32	“ compound . . . . .	2
“ suppurative . . . . .	3	Foreign bodies in eye . . . . .	30
Albuminuria . . . . .	2	Frost bite . . . . .	24
Anæmia . . . . .	19	Furuncle . . . . .	74
Appendicitis . . . . .	3	Gastritis . . . . .	2
Bronchitis, acute . . . . .	315	Headache . . . . .	439
“ chronic . . . . .	16	Heat exhaustion . . . . .	2
Burn . . . . .	37	Herpes, simple . . . . .	61
Catarrh, nasal . . . . .	45	Heart disease, valvular . . . . .	7
Chorea . . . . .	7	Impetigo contagioso . . . . .	9
Conjunctivitis, catarrhal . . . . .	191	Indigestion, acute . . . . .	408
“ granular . . . . .	2	Influenza . . . . .	4
“ phlyctenular . . . . .	20	Intermittent fever . . . . .	85
Constipation . . . . .	16	Iridocyclitis . . . . .	1
Contusion . . . . .	135	Laryngitis . . . . .	50
Corneal ulcer . . . . .	2	Lichen planus . . . . .	1
Croup . . . . .	1	Myalgia . . . . .	34
“ spasmodic . . . . .	29	Nephritis, acute . . . . .	1
Dermatitis . . . . .	20	“ chronic . . . . .	1
“ venenata . . . . .	24	Neuralgia . . . . .	12
Diarrhœa . . . . .	51	Onychia, simple . . . . .	25
Diphtheria . . . . .	3	“ malig . . . . .	21
Dislocation . . . . .	5	Otitis media . . . . .	20
Dysentery . . . . .	2	“ chronic suppura- tive . . . . .	25
Dyspepsia . . . . .	25	Papillary overgrowth . . . . .	1
Earache . . . . .	50	Parotitis . . . . .	3
Eczema . . . . .	24	Paraphimosis . . . . .	1
Endocarditis . . . . .	1	Pericarditis . . . . .	1
Enuresis . . . . .	25	Pharyngitis . . . . .	210
Epilepsy . . . . .	1	Pityriasis rosea . . . . .	2
Epistaxis . . . . .	16	Pneumonia . . . . .	8
Erysipelas . . . . .	2	Purpura . . . . .	1
Erythema . . . . .	11	“ rheumatica . . . . .	1

Remittent fever . . . . .	2	Torticollis . . . . .	10
Rheumatism . . . . .	19	Typhoid fever . . . . .	26
Scarlet fever . . . . .	7	Ulcer . . . . .	24
Seat worms . . . . .	1	Urticaria . . . . .	23
Sprain . . . . .	83	Vaccinia . . . . .	12
Stomatitis . . . . .	11	Varicella . . . . .	6
Synovitis . . . . .	1	Vertigo . . . . .	21
Tabes mesenterica . . . . .	1	Wounds, incised . . . . .	21
Teno synovitis . . . . .	2	"    lacerated . . . . .	95
Tinea corporis . . . . .	10	"    infected . . . . .	10
"    tonsurans . . . . .	2		
Tonsillitis . . . . .	225	Total . . . . .	3609
"    follicular . . . . .	61		
Toothache . . . . .	79		

During the year two deaths occurred from the following causes :—

*First.—Appendicitis.*

This boy was operated on at the German Hospital, and died there.

*Second.—Pneumonia.*

This boy marched with the Battalion in the parade in honor of the unveiling of the Grant Monument. He "fell out" on the line of march, and was brought to the Infirmary in a state of collapse, from which he did not react. He had evidently been suffering from pneumonia for a period of about forty-eight hours, and had not been reported to the Infirmary.

Respectfully submitted,

WM. S. JANNEY,  
*Visiting Physician.*

W. B. RUSS,  
*Resident Physician.*

## CATALOGUE OF PUPILS

Whose Indentures were Canceled during the Year 1899, to enable  
them to accept positions.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
<b>Allen, Frederick B.</b>		To mother.	
Alsentzer, Charles F.	Machinist,	Burnham, Williams & Co.,	500 N. Broad St.
Amber, John H.	Wagon Boy,	Jos. Gartmeier,	3448 Germant'n Ave.
Archer, William J.	Paperhanger,	John P. Denney,	279 S. 5th St.
Ashburn William E.	Store Boy,	Heppard Bros.,	900 S. 2d St.
<b>Bareford, John P.</b>		To mother.	
Bareford, Mark H.		To mother.	
Barrett, William H.	Stenographer, &c.,	Shannon Manufacturing Co., & W. cor. 15th & Catharine Sts.	
Barth, Louis	Machinist,	Wm. F. Ruwell & Co.,	1044 S. Chadwick St.
Bates, Benjamin S.		To mother.	
Baumann, George A.	Cash Boy,	John Wanamaker,	13th & Market Sts.
Bayer, Henry	Brass Finisher,	Homer & Poole,	231 Race St.
Beck, Charles A.	Factory Boy,	Harry Miller,	519 Cherry Al., Lancaster, Pa.
Beck, Walter P.	Printer,	Follmer, Clogg & Co.,	Lancaster, Pa.
Bleamer, Charles H.	Machinist,	Ingersoll-Sergeant Drill Co.,	Easton, Pa.
Bonhog, George	Elevator Boy,	Liveright, Greenewald & Co.,	1013 Market St.
Boyer, Louis P.	Machinist,	Burnham, Williams & Co.,	500 N. Broad St.
Boyer Samuel A.	Clerk,	Garber & Birch,	1129 Arch St.
Breiser, Anthony		To mother.	
Brocius, Alvin	Barber,	Edward Franklin,	2033 Spruce St., Shenandoah, Pa.
Büchler, Gustave J.	Clerk,	Prudential Ins. Co. of America,	1001 Chestnut St.
<b>Carr, William B.</b>	Moulder,	Stanley G. Flagg & Co.,	19th St. & Penna. Ave.
Clark, James W.	Wagon Boy,	Adams Express Co.,	17th & Market Sts.
Crawford, Robert A.	Errand Boy,	Edgell Co.,	12th & Willow Sts.
Croessant, Frederick	Store Boy,	Liveright, Greenewald & Co.,	1013 Market St.
Cunningham, George	Errand Boy,	Joseph Zentmayer,	209 S. 11th St.
Curllett, Charles O.		To mother.	
<b>Danehower, Walt C.</b>		To mother.	
Deal, Horace	Stenographer, &c.,	A. Raymond Raff,	1635 Thompson St.
Domicovich, Geo. P.	Store Boy,	Supplee Hardware Co.,	503 Market St.
Douglass, John W.	Errand Boy,	West Jessup & Co.,	518 N. 8th St.
Dutton, John C.	Errand Boy,	Charles L. Story,	Wilmington, Del.
<b>Eisenhower, Wm. H.</b>	Factory Boy,	Franklin & Wilson Blough,	3d & Hamilton Sts., Harrisb. Pa.
Ent, George M.		To mother.	
Evans, Harry		To mother.	
Evans, Wm. Harris	Clerk,	Est. of Stephen Girard,	21 S. 12th St.
<b>Fink, John E.</b>	Store Boy,	Ab. Kirschbaum & Co.,	726 Market St.
Fogel, Frank A.	Clerk,	Burnham, Williams & Co.,	500 N. Broad St.
Fowler, Elwin		To mother.	
Freney, Thomas J.	Office Boy,	Clifton Malony, Esq.,	407 Betz Building.
Fretz, Charles F.		To mother.	
Frey, George A.	Wagon Boy,	Perry & Co.,	1520 Chestnut St.
<b>Garman Harry W.</b>	Machinist,	Loomis-Manning Filter Co.,	402 Chestnut St.
Gaumer, William J.		To mother.	

## INDENTURES CANCELED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Geisel, Frank H.		To mother.	
Gibson, John S.		To mother.	
Githens, Charles A.	Printer,	Times Printing House,	725 Chestnut St.
Goho, Arthur F.		To mother.	
Green, Hugh	Wagon Boy,	Adams Express Co.,	17th & Market Sts.
Griffith, Marshall E.	Messenger,	John H. Harris,	Allentown, Pa.
Groth, H. C. Herman	Store Boy,	Wm. H. Horn & Bro.,	453 N. Third St.
Grun, Frederick C. L.	Errand Boy,	Hughes & Müller,	1035 Chestnut St.
Habicht, Albert E.		To mother.	
Hall, Howard K.	Stenographer, &c.,	Fries-Breslin Co.,	Camden, N. J.
Hallman, Ambrose F.	Factory Boy,	Diamond Glass Co.,	Royersford, Pa.
Hamilton, Robert W.		To mother.	
Hammerstein, Geo. F.	Engraver,	Richardson Mfg. Co.,	Newark, N. J.
Harris, Frank L.	Cash Boy,	Strawbridge & Clothier,	8th & Market Sts.
Harris, James Edw.	Clerk,	Lambert & Waterhouse,	1001 Chestnut St.
Harris, Jesse S.	Clerk,	Erie & Western Transportation Co.,	26 S. 15th St.
Harris, William R.	Clerk,	Central Nat. Bank,	109 S. 4th St.
Heitmiller, Charles E.	Errand Boy,	Walker & Kepler,	531 Chestnut St.
Hickman, Robert	Office Boy,	London Guarantee & Accident Co.,	416 Walnut St.
Hildebrand, Corona W.	Currier,	DuBois & Vantassel Bros.,	DuBois, Pa.
Hodgeman, David E.	Draughtsman,	Globe Ticket Co.	917 Filbert St.
Hodgeman, John E.	Machinist,	Phoenix Iron Works,	Meadville, Pa.
Howeisen, William		To mother.	
Huber, Louis A.	Wire Worker,	Progressive Wire Goods Co.,	18 N. 6th St.
James, William H.	Typew'r'd Office Boy,	John A. Clark, Esq.,	430 Walnut St.
Jones, Franklin W.		To mother.	
Jones, Harry Blaine	Store Boy,	Wanamaker & Brown,	6th and Market Sts.
Jones, Isaac	Store Boy,	Supplee Hardware Co.,	503 Market St.
Jones, John L.		To uncle.	
Kern, Addison D.	Errand Boy,	Edward Pennock,	3609 Woodland Ave.
Kimpel, John F.		To mother.	
Kinsing, Emil	Storeroom Boy,	General Electric Co.,	509 Arch St.
Kishpaugh, Albert J.		To mother.	
Kolb, Bertram C.		To mother.	
Lachlan, James I.	Printer,	Wm. A. Halbach,	19 Prince St., Lancaster, Pa.
Lackie, George W.	Errand Boy,	Moxey, Gill & Howlett,	915 Filbert St.
Laning, Henry K.	Office Boy,	United Fruit Co.,	Pier 5, N. Wharves.
Laushey, Herbert R.	Draughtsman,	Brooks Loco. Works,	Dunkirk, N. Y.
Leckner, Howard	Machinist,	Israel H. Johnson, Jr., & Co.,	1434 Callowhill St.
Leitch, Robert A.	Clerk,	J. B. Lippincott Co.,	720 Filbert St.
Long, David F.	Office and Store Boy,	Joel Bailly-Davis Co.,	608 Market St.
Louden, Joshua P.	Printer,	Times Printing House,	725 Chestnut St.
Lynd, William H.	Order & Stock Boy,	Supplee Hardware Co.	503 Market St.
McCleary, Geo. B.	Factory Boy,	Clayton W. Nichols,	918 Beach St.
McHugh, James	Brass Finisher,	Homer Brass Works, Inc.,	231 Race St.
McKeone, Frank	Store Boy,	Paxson, Comfort & Co.,	529 Arch St.
McKinney, Joseph W.		To mother.	
Maier, Louis H.	Stenographer, &c.,	Millville Mfg. Co.,	626 Chestnut St.
Marsh, Louis	Clerk & Errand Boy,	Fisher, Bruce & Co.,	221 Market St.
Martz, Alvin R.	Store Boy,	Paxson, Comfort & Co.,	531 Arch St.
Markel, Nathaniel P.	Printer,	Hess & Bro.	West St., Shenandoah, Pa.
Meisel, William A.		To mother.	
Miner, George B.	Cigar maker,	Albert Miner,	Easton, Pa.
Mohring, John F.	Errand & Office Boy,	F. B. Vandergrift & Co.,	305 Provident Bldg.
Montgomery, Henry N.		To aunt.	

## INDENTURES CANCELED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Mosher, George	Mill Boy,	John & James Dobson,	Falls of Schuylkill.
Moyer, Howard W.	Train Boy,	Phila. & Reading Ry. Co.,	Reading, Pa.
Myers, Norman C.		To mother.	
Naylor, Albert	Errand Boy,	Times Printing House,	725 Chestnut St.
Nebut, William	Wagon Boy,	Brandle & Smith,	Somerset and Mascher Sta.
Neely, John R.	Errand Boy,	Times Printing House,	725 Chestnut St.
Oren, George E.	Machinist,	Ingersoll-Sergeant Drill Co.,	Easton, Pa.
Paashley, Wm. H.	Errand & Office Boy,	F. B. Vandergrift & Co.,	305 Provident Bldg.
Payne, George W.	Store Boy,	Wm. T. Lindeman & Co.,	1400 Frankford Ave.
Pennypacker, W. W. H.	Typewriter,	Phila. Elec. and Mfg. Co.,	2011 Market St.
Plank, Asahel R.	Printer,	Geo. B. Cole & Bro.,	1400 Hanson St.
Polen, David B.	Florist,	Emile C. Brennier,	Magnolia, N. J.
Potts, Barclay F.	Surveyor,	Bellett Lawson, Jr.,	Paxtang, Pa.
Potts, Gustavus A.	Elevator Boy,	Liveright, Greenwald & Co.,	1013 Market St.
Price, Robert W.		To mother.	
Price, Thomas F.	Breaker Boy.	P. & R. Coal & Iron Co.,	Locust Dale, Pa.
Priester, Edwin A.	Stock & Errand Boy.	P. W. Stoffel,	107 S. 13th St.
Ramer, Noah		To mother.	
Redamar, Christian		To mother.	
Reese, Charles	Asst. to Engineer.	Sauquoit Silk Co.,	Randolph St. & Col. Ave.
Reynolds, Charles	Errand Boy.	Strawbridge & Clothier,	8th & Market St.
Richardson, Albert G.	Stenographer,	Central News Co.,	Washington Square.
Reigel, William W.	Errand Boy,	Ingersoll-Sergeant Drill Co.,	Easton, Pa.
Robinson, Harry L.		To sister.	
Rolling, Frank	Messenger,	Union League Club,	Broad & Sansom Sts.
Ross, Earl C.		To mother.	
Ross, Harry		To aunt.	
Rote, Howard B.	Clerk,	Frank Samuel,	Harrison Bldg.
Rudy, Jonathan M.		To mother.	
Ryan, Herman L.	Wrapper,	Enterprise Mfg. Co. of Penna.,	3d & Dauphin Sts.
Sackville, Walter		To sister.	
Saundt, Edgar B.	Errand Boy, &c.	Estate of Anton Winter,	822 Arch St.
Schreck, Robert D.		To mother.	
Schroder, Charles N.	Messenger,	Penna. R. R. Co.,	Broad St. Station.
Scott, Edward M. B.	Clerk,	Brush Electric Light Co.,	2011 Ranstead St.
Seifert, John P.		To mother.	
Sergeant, John A.		To mother.	
Sevison, John F.	Err & Office Boy,	Peter E. Smith,	2019 Master St.
Shengle, Charles A.	Cash Boy,	John Wanamaker,	13th & Market Sts.
Shepherd, Frank P.		To mother.	
Shuman, Leigh D.	Stenographer,	Monroe Bros. & Co.,	438 Market St.
Shuman, Paul	Typewriter,	Burnham, Williams & Co.,	500 North Broad St.
Simmons, Samuel J.	Clerk,	Merchant & Co., Inc.,	517 Arch St.
Simms, James	Office Boy,	Evening Bulletin,	612 Chestnut St.
Simons, Harry W.	Cutler,	C. R. Windhoevel & Son,	46 N. 10th St.
Singleton, Joseph		To mother.	
Smith, Herbert A.	Clerk,	Bement, Miles & Co.,	21st & Callowhill Sts.
Smith, John R.	Office Boy,	Brown & Bailey Co.,	410 N. Franklin St.
Smith, William C.	Bill Clerk,	Thompson, Taylor & Co.,	237 Market St.
Snyder, Winfield E.	Stenographer, &c.,	Work & DeHaven.	213 Girard Bldg.
Staub, Edward E.	Clerk,	Third National Bank,	Broad & Market Sts.
Steinmetz, Henry		To mother.	
Stevenson, Edmund M.		To mother.	
Stoos, Otto		To uncle.	
Sullivan, James P.	Wrapper,	Strawbridge & Clothier,	8th & Market Sts.

## INDENTURES CANCELED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Sulzner Herman	Errand Boy,	Times Printing House,	725 Chestnut St.
<b>Taylor, Edward W.</b>		To mother.	
Theis, Ferdinand H.	Stock-keeper,	Liveright, Greenwald & Co.,	1013 Market St.
Thompson, Joseph H.	Apprentice Printer,	William Mann Co.,	529 Market St.
Thornley, Harry E.	Machinist,	Burnham, Williams & Co.,	500 North Broad St.
Tolon, Alfred J.	Clerk,	Amer. Teleph. & Tele. Co.,	406 Market St.
Trinder, John H.	Stenographer,	Houston Club,	Univ. of Penna.
Tripp, Leon M.		To mother.	
Turner, Joseph Heiss	Machinist,	Watson & McDaniel,	8th St. & Washington Ave.
Turner, Joseph Milton	Engraver,	Keystone Watch Case Co.,	19th & Brown Sts.
Tyson Francis M.	Stenographer, &c.,	J. Edward Carpenter, Esq.,	706 Franklin Bldg.
<b>Waldman Edward</b>		To grandmother.	
Walter, William P.	Errand Boy,	Gravenstine & Co.,	2100 Master St.
Wandell, Francis S.		To mother.	
Weigert, Frank	Apprentice,	Geo. P. Pilling & Son,	1227 Callowhill St.
Wenzel, George S.	Apprentice Toolmkr.,	John A. Vare,	236 N. 4th St.
West, Stanley R.	Clerk,	Del. Ins. Co. of Phila.,	8 E. Cor. 3d & Walnut Sts.
Wheeler, Clarence D.		To mother.	
Wiegand, George F.	Factory Boy,	A. Lincoln & Son,	409 Brown St.
Wilson, Stephen W.	Apprentice,	E. Richardson & Co.,	Green & Col. Sts., Newark N.J.
Wolf, Joseph B.		To mother.	
<b>Yunger, Casper S.</b>	Clerk,	N. Stetson & Co.,	1209 Chestnut St.
<b>Zattau, Charles M.</b>	Printer,	Allen, Lane & Scott,	1211 Clover St.

## CATALOGUE OF APPRENTICES,

DECEMBER 31st, 1899.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Occupation.</i>	<i>Master.</i>	<i>Residence.</i>
<b>Brill, Adam C.</b>	Feb. 5, 1880,	Farmer,	Clyde W. Seymour,	Atglen, Pa.
<b>Davis, James L.</b>	July 3, 1879,	Naval Ap,	U. S. Receiving Ship "St. Louis."	League Island.
<b>Johnson, B'r'l'gh J.</b>	Sept. 10, 1879,	Farmer,	John Buckman,	Newtown, Pa.
<b>Lanyon, Chas. E.</b>	Dec. 7, 1883,	Druggist,	Mortimer H. Bickley,	Chester, Pa.
<b>McCloskey, Geo.</b>	July 31, 1884,	Salesman,	J. George Weber,	1144 Tioga St.
<b>Newman, Chas. R.</b>	Nov. 19, 1882,	Druggist,	Mortimer H. Bickley,	Chester, Pa.
<b>Openshaw, Arthur</b>	Oct. 27, 1880,	Farmer,	Lottie Paxson,	Atglen, Pa.
<b>Phillips, Wm. H.</b>	Oct. 8, 1882,	Farmer,	Hon. John W. King,	Hughesville, Pa.
<b>White, Wm. E.</b>	July 2, 1879,	Farmer,	Albert A. Seher,	Lansdale, Pa.



### STAR SCHOLARS FOR 1899.

Star Scholars are those pupils of the Fourth and Third Forms whose averages for recitations have been nine (9.00) or above for the year, on a scale from zero to ten (10.00.)

BARRETT, CHARLES SMITH	PLATE, EDGAR MARTIN
GARRETSON, CORNELIUS DAVID	TRIMBLE, JAMES
GRISSINGER, CHARLES R.	WILSON, WALTER THOMPSON

### CLASSES OF HONOR.

The Third, or highest Class of Honor comprises all pupils of the Fourth and Third Forms whose conduct is represented by 9.60 or more, on a scale from zero to ten ; the Second, all whose conduct is marked from 9.30 to 9.60 ; and the First, all whose conduct is marked from 9.00 to 9.30 for the year.

#### THIRD CLASS OF HONOR.

BEHNEY, HARRY	MILLER, GRANVILLE GUY
CROOK, ROBERT ARTHUR	MOHR, JAMES
DANDO, ALBERT J.	MOHR, PRESTON JACOB
DEATCH, HARRY	MUNDORF, RABER
DENNY, ALEXANDER N.	PAYNE, HARRY LINCOLN
GARRETSON, CORNELIUS DAVID	PIERSOL, RICHARD JOHN
GENTNER, LOUIS FREDERICK	ROBERTS, THOMAS
HASBROUCK, JOSEPH HENRY	SEITZINGER, FRANK LEISTER
HAUGER, HARRY JOHN	SIMPSON, FREDERICK J.
KAHLER, HENRY	SMITH, CHARLES EDWARD
KIMPEL, FRANCIS NICHOLAS	SNYDER, WILLIAM ROSCOE
LAU, HENRY	TAYLOR, HARRY CAMPBELL
LONG, CLARK SAMUEL	WILSON, ERNEST DAVID
MANION, MARTIN	WILSON, WALTER THOMPSON

#### SECOND CLASS OF HONOR.

BATTERSBY, JOSEPH TAYLOR	DUNGAN, CLARENCE BROWNELL
BECK, RAYMOND STEWART,	EISENHOWER, LEO R.
CASPER, WILLIAM HENRY	FUGLE, CHARLES WILLIAM
CHRIST, LESLIE CARLISLE	GRUNDELFINGER, GEORGE JOSEPH
CRAIG, LEWIS VICTOR	GUNDRY, WILLIAM HAROLD
CRAWFORD, JOHN LEROY	HARTMAN, DANIEL WILFORD
CROCKETT, HENRY ERVIN	HELÉ, HERBERT E.
DAVIS, FRANK BARNARD	HELWIG, GEORGE ELWOOD
DOWNES, ERNEST VICTOR	HILDEBRAND, WILMER FRANK

HOPPER, HENRY CHARLES	PLATT, REUBEN BLAINE
HULTZ, JESSE GROVER	QUINN, WILLIAM JAMES
LECKIE, GEORGE WASHINGTON	RAPP, CARL AUGUST
LEIBY, HERBERT ELWOOD,	RIEDER, JOHN OTTO
LEISTER, JAMES MONROE	SEIFERT, ERNEST JOHN
LEWIS, ANDREW	SIMONS, FRANK LEWIS,
MCCLOSKEY, LOOMIS ROY	STELL, JOHN JAMES
MATTHEWS, ALFRED PENROSE	STOLP, JOHN AMBROSE
MAUGER, GEORGE	TATEM, WILLIAM GEORGE
MAYNE, WALTER GILBERT	WITTMER, HOWARD LEWIS
NORMAN, ALBERT LINDSLEY	YOXHEIMER, CLYDE

#### FIRST CLASS OF HONOR.

ALBRECHT, JOHN HENRY	HOLT, ESLEER BECK
BAGANS, ARTHUR LAWRENCE	HUNTZINGER, CHARLES LEWIS
BARDES, ANDREW HARRY	JELLY, STEPHEN
BARRETT, RAYMOND	JELENIIEWSKI, GEORGE
BATTERSBY, EDWARD	KENNEDY, JOHN THOMAS
BENTÉ, WALTER	KIRK, CHARLES CLEVELAND
BIESECKER, L. MAXWELL	METZ, ELLWOOD AUGUSTUS
BRIGGS, WALTER SAMUEL	MOLDENHAUER, CARL WILLIAM
BROWN, CHARLES JEREMIAH	MORGAN, LEROY
BROWN, JOHN ALBERT	NORMAN, HARRY ELMER
CHRIST, WALTER LOUIS	RALSTON, JOHN
DRUMMOND, WILLIAM DANIEL	REILLY, JOSEPH
EARL, ELMER ELLSWORTH	REYNOLDS, CARL HERMAN
ENDRISS, WILLIAM JOHN HENRY	SCHAEFER, ALBERT LESLIE
EYRE, CHARLES	SCHOENER, FLOYD RAMOND
FERGUSON, THOMAS	SCOTT, ROBERT
FITTING, SAMUEL EUGENE	SCOTT, WILLIAM
FOSTER, SYLVESTER JEREMIAH	SHEEHAN, JOHN FRANCIS
FUREY, CHRISTIAN DAVID	SHIFFER, HORACE ROY
GEHRING, ANDREW JEREMIAH	SNYDER, STANLEY HERBERT
GRISSINGER, CHARLES R.	STECKLINE, CHARLES EARL W.
HADESTY, LINDEN KING	STEHLÉ, CHARLES LOUX
HEBREW, JAMES RAYMOND	THRESS, JOHN
HENSZEY, HAROLD LEON	TROUTMAN, HARVEY ANDREW
WRIGHTSON, BERTRAM JOSEPH	

# CATALOGUE OF PUPILS IN GIRARD COLLEGE, DECEMBER 31, 1899.

## FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Aaron, Charles Thomas	Sept. 16, 1884	May 31, 1892	7.94	7.56
Albright, Bernhard	June 16, 1884	Oct. 18, 1890	7.42	6.84
Andrews, John Lay	Oct. 11, 1884	May 31, 1892	7.06	8.86
Arnold Vanderbilt	Dec. 5, 1884	May 31, 1894	8.59	7.18
Bagans, Charles Biddle	May 31, 1885	Jan. 17, 1893	6.54	4.74
Bardes, Andrew Harry	Nov. 21, 1882	April 21, 1890	8.65	9.01
Barrett, Charles Smith	Nov. 9, 1883	April 21, 1890	9.00	8.92
Bayer, Ernest Hugo	Dec. 29, 1882	April 19, 1890	8.73	7.84
Baylie, Walter Raymond	April 14, 1884	Dec. 30, 1890	8.74	5.43
Bea, Monroe Henry	Feb. 26, 1882	Jan. 21, 1890	8.59	7.87
Beam, Walter Irvin	Aug. 5, 1885	Sept. 21, 1894	8.85	8.03
Behney, Harry	May 4, 1883	April 23, 1890	8.65	9.78
Biesecker, Harry Orland	Oct. 21, 1883	June 1, 1893	8.71	8.82
Blamphin, Arthur Merrick N.	Aug. 13, 1883	May 31, 1893	8.48	8.61
Bothell, Charles Alonzo	June 3, 1885	June 20, 1893	7.73	0.81
Bourquard, Joseph	June 2, 1884	Dec. 30, 1892	8.81	8.98
Briggs, Walter Samuel	Feb. 2, 1883	April 19, 1890	8.37	9.18
Brinton, Sumner Howard	Oct. 3, 1882	Dec. 31, 1889	8.79	8.09
Brown, Charles Jeremiah	April 11, 1883	May 1, 1890	8.49	9.19
Brown, John Albert	July 28, 1885	March 27, 1894	8.87	9.01
Bruce, Matthew Hartley	Feb. 26, 1883	Dec. 30, 1892	8.45	8.70
Burger, Charles Henry	Jan. 2, 1886	May 31, 1894	6.89	7.16
Carson, Wm. Morrison	April 20, 1884	June 1, 1893	8.79	7.17
Casper, Henry Eugene	May 1, 1884	April 27, 1894	8.74	8.28
Chapman, Rollin Eatherly	Jan. 14, 1887	April 27, 1894	8.59	6.55
Christ, Walter Louis	Feb. 7, 1885	June 20, 1893	8.54	9.18
Clark, Henry	May 8, 1885	Jan. 9, 1893	8.00	5.62
Condron, James	Dec. 17, 1884	May 31, 1894	7.39	8.85
Craig, Joseph Howard	Dec. 16, 1883	May 31, 1892	8.39	8.49
Crawford, Thomas William	Sept. 6, 1883	April 21, 1890	8.32	6.37
Dading, George	Nov. 10, 1883	April 30, 1890	8.28	7.24
Dando, Albert J.	Sept. 11, 1883	June 1, 1893	8.78	9.73
Davis, Frank Barnard	April 18, 1882	May 30, 1890	8.41	9.31
Dickinson, Percy Tindall	July 8, 1883	April 21, 1890	8.51	9.67
Diemand, John Anthony	Jan. 19, 1886	Sept. 21, 1894	7.41	8.56
Diven, Blake Gotwals	Feb. 20, 1884	June 1, 1893	7.39	6.35
Doerr, Charles Edgar	Aug. 13, 1884	Dec. 31, 1891	8.40	8.85
Doke, Albert Henry	Aug. 22, 1884	Dec. 29, 1893	6.83	6.61
Dougherty, Hervey Brooms	Sept. 21, 1884	Dec. 29, 1893	7.09	1.81
Duncan, Robert Gordon	June 18, 1884	Dec. 29, 1893	7.99	8.22
Eckroth, Geo. Clarence	Jan. 27, 1885	March 27, 1894	7.09	8.03
Elliott, George Howard	Aug. 17, 1885	May 31, 1894	7.20	8.01
Fenner, Charles Jacob	Feb. 1, 1883	April 19, 1890	8.25	8.07
Ferguson, Thomas	Oct. 13, 1884	April 27, 1894	8.30	9.21
Fletcher, John Albert	Nov. 28, 1883	April 30, 1890	8.41	8.49

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 135

FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Fryer, Theodore Burrows	April 11, 1884	Dec. 30, 1890	8.78	8.64
Fuigle, Charles William	Aug. 18, 1886	April 27, 1894	7.41	9.31
Fuigle, Joseph Sylvester	Feb. 21, 1884	May 31, 1893	8.47	8.73
<b>Galbraith, Harry Rae</b>	June 22, 1885	June 1, 1893	7.92	8.55
Garretson, Cornelius David	Feb. 12, 1882	Sept. 18, 1891	9.43	9.80
Graser, Albert Nathan	Nov. 6, 1885	April 27, 1894	8.27	7.88
Grieb, Edward Stewart	Aug. 6, 1884	Jan. 27, 1892	8.56	8.13
Grissinger, Charles R.	March 31, 1883	Jan. 15, 1891	9.11	9.01
Grundelfinger, George Joseph	March 22, 1884	May 31, 1893	8.79	9.54
<b>Haldeman, S. Elsworth</b>	Oct. 3, 1885	June 1, 1893	6.36	6.42
Hale, Eli Benjamin Franklin	Dec. 29, 1885	May 31, 1894	6.44	6.03
Hamilton, Howard Gustave	April 4, 1885	May 31, 1894	8.75	8.58
Harder, Frederick	May 20, 1882	April 18, 1890	8.67	8.72
Harrison, Ross Cary	Aug. 28, 1884	Jan. 13, 1892	8.62	8.70
Hasbrouck, Joseph Henry	March 1, 1884	June 1, 1893	8.63	9.69
Hauger, Harry John	Feb. 1, 1885	Dec. 4, 1891	8.49	9.76
Helé, Herbert E.	July 22, 1883	May 31, 1893	8.92	9.47
Helwig, George Elwood	April 18, 1884	April 17, 1894	7.50	9.52
Homan, Frederick	May 21, 1883	April 19, 1890	8.20	8.52
Hope, James Thomas	Aug. 25, 1884	May 31, 1894	7.79	8.86
Houser, Benjamin Franklin	Nov. 30, 1883	Dec. 31, 1891	8.56	8.49
Hower, John Cleaver	Feb. 18, 1884	May 30, 1890	8.72	6.62
<b>Jeleniewski, George</b>	Jan. 23, 1885	June 9, 1891	8.50	9.17
Jones, Evan	June 3, 1885	June 20, 1893	7.43	8.87
Jordan, Leo Atwood	May 27, 1885	April 27, 1894	7.74	6.53
<b>Kennedy, John Thomas</b>	Dec. 24, 1883	May 30, 1890	8.80	9.03
Kirk, Charles LeGrand	Aug. 9, 1883	May 31, 1892	8.70	8.28
<b>Lamborn, H. Franklin</b>	Feb. 10, 1885	March 27, 1894	7.41	8.97
Lanning, Joseph Bringhurst	Dec. 31, 1881	Dec. 30, 1889	8.19	8.97
Latham, Claude Harold	April 21, 1886	Dec. 28, 1894	8.23	7.83
Laushey, Edmund Park	May 30, 1884	Jan. 15, 1891	7.29	8.28
Leahy, Martin Joseph	Nov. 20, 1884	May 31, 1894	7.83	3.54
Leckie, George Washington	Feb. 22, 1882	Dec. 30, 1890	. .	9.30
Leiby, Herbert Elwood	Oct. 6, 1884	Dec. 29, 1893	8.67	9.42
Levy, Sydney Jacob	Oct. 19, 1886	Dec. 28, 1894	7.39	6.97
Lewis, Andrew	Aug. 31, 1882	Dec. 31, 1889	. .	9.33
Long, William Andrew	Dec. 7, 1883	April 30, 1890	8.36	8.17
Lush, John Charles	Oct. 8, 1885	May 31, 1895	6.88	5.66
<b>McCarter, Charles Horn</b>	Feb. 14, 1885	May 31, 1893	7.15	6.12
McCloskey, Loomis Roy	Oct. 1, 1885	Dec. 29, 1893	8.63	9.31
McGee, Francis Grover	Nov. 10, 1884	April 27, 1894	6.30	5.79
McGill, Charles Alfred	Dec. 9, 1882	Jan. 21, 1890	8.72	8.60
Matthews, Alfred Penrose	Jan. 24, 1885	May 31, 1892	7.32	9.42
Matthews, Jesse Walter	Oct. 17, 1885	May 31, 1893	8.66	7.41
Manger, George	Feb. 12, 1885	Dec. 28, 1894	7.33	9.35
Mayne, Thomas Tower	Feb. 13, 1885	May 31, 1892	7.50	7.61
Metz, Ellwood Augustus	May 22, 1884	April 27, 1894	8.52	9.12
Miller, Harry Elwood	June 10, 1885	June 13, 1893	6.55	4.61
Moore, William Henry	Sept. 3, 1883	April 21, 1890	8.80	8.80
Morley, George Washington	June 26, 1885	Sept. 21, 1894	6.63	8.35
Myers, William Bedlington	Dec. 7, 1884	May 31, 1892	7.44	7.04
<b>Nealey, Morris Elmond</b>	Dec. 31, 1884	Jan. 16, 1894	8.45	8.11
Nelms, George	Sept. 29, 1885	Jan. 2, 1894	8.53	7.62
<b>Partridge, Jos. Walter</b>	Nov. 30, 1882	April 17, 1890	8.29	8.90

## FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholar- ship.</i>	<i>Con- duct.</i>
Patterson, Robert John	Dec. 6, 1885	May 31, 1893	5.57	5.55
Payne, Harry Lincoln	Sept. 8, 1885	May 31, 1894	6.82	9.69
Pennypacker, Earl Melton	April 5, 1884	Dec. 30, 1890	8.54	8.57
Plate, Edgar Martin	Nov. 18, 1886	Dec. 29, 1893	9.01	7.24
Platt, Reuben Blaine	June 13, 1884	Jan. 15, 1891	8.98	9.54
Price, John B.	Sept. 13, 1883	Jan. 21, 1892	8.29	8.80
Pritchard, Evan Jones	Aug. 13, 1883	April 18, 1890	8.49	8.54
<b>Quinn, William James</b>	March 24, 1885	June 1, 1891	6.22	9.47
<b>Ralston, Archibald</b>	July 25, 1885	May 31, 1893	8.51	8.72
Rathgeber, Augustus Daniel	July 20, 1884	May 29, 1894	8.79	8.51
Renn, Walter Calley	Sept. 13, 1882	Dec. 30, 1891	8.83	8.94
Reuss, William	May 11, 1884	April 6, 1894	7.30	7.78
Riale, Walter Jacob	Sept. 23, 1884	March 27, 1894	7.80	7.06
Rooney, Henry Mitchell	Jan. 29, 1885	Jan. 14, 1893	6.96	7.89
Rose, Charles Tipton	July 25, 1883	June 1, 1893	7.57	4.86
Rowe, John Major	Sept. 16, 1884	April 27, 1894	8.67	7.83
<b>Savage, Arthur E.</b>	Feb. 19, 1885	May 31, 1892	7.06	6.18
Schaefer, Albert Leslie	March 4, 1884	Jan. 26, 1892	8.42	9.22
Scherer, Fredrick	Feb. 28, 1884	Feb. 27, 1894	8.48	8.81
Schoener, Floyd Ramond	Dec. 8, 1885	June 20, 1893	8.24	9.16
Schopbach, Charles Henry	May 19, 1885	Dec. 28, 1894	8.98	8.41
Setzler, Earl Urner	Aug. 21, 1884	Dec. 30, 1892	7.51	8.37
Shaw, Robert	Aug. 30, 1884	Jan. 16, 1894	8.44	6.90
Sheehan, John Francis	Sept. 25, 1883	June 3, 1890	8.97	9.05
Shiffer, Horace Roy	May 29, 1883	April 17, 1890	8.66	9.02
Slough, Herbert Elmer	March 27, 1885	Dec. 30, 1892	8.56	6.24
Smith, Charles Edward	April 10, 1885	April 27, 1894	7.94	9.72
Smith, Earl	April 3, 1885	May 31, 1894	7.97	7.34
Smith, William Elmer	Sept. 30, 1884	March 27, 1894	7.71	8.57
Spindler, Frank	April 4, 1886	March 27, 1894	7.30	8.23
Stehlé, Charles Loux	Nov. 7, 1885	June 1, 1893	8.63	9.16
Stell, John James	Sept. 29, 1884	Dec. 29, 1893	8.85	9.40
Stevenson, Samuel	Aug. 29, 1884	June 11, 1891	8.40	6.63
Stitzer, Myron Zeno	Dec. 9, 1884	Jan. 16, 1894	8.39	7.64
Stockholm, Charles Goble	April 21, 1885	Dec. 30, 1892	6.26	0.14
Stokley, Thomas Horatio	Aug. 10, 1882	May 31, 1892	8.49	8.34
Stolp, John Ambrose	March 14, 1884	Dec. 30, 1890	8.71	9.45
Stroud, Herbert LeRoy	Aug. 5, 1883	April 30, 1890	8.76	8.53
<b>Taylor, Harry Campbell</b>	July 3, 1884	April 27, 1894	8.67	9.86
Thomas, Roger	July 29, 1885	June 20, 1893	6.46	4.71
Tillotson, George Painter	March 14, 1884	June 5, 1890	8.45	7.57
Townsend, Charles Heath	Feb. 23, 1883	Sept. 18, 1891	8.45	8.79
Trimble, James	Oct. 6, 1884	June 4, 1894	9.12	8.61
Tyson, Raymond Linford	May 23, 1885	Dec. 28, 1894	6.74	7.11
<b>Wertley, Lewis Henry</b>	Aug. 16, 1885	April 27, 1894	6.78	5.52
Wheeler, Samuel James	Sept. 16, 1882	Dec. 31, 1889	8.44	7.75
Whitman, Thomas Scott	June 29, 1884	Jan. 16, 1894	7.79	8.28
Williams, Charles Raymond	Sept. 21, 1884	Jan. 16, 1894	6.90	8.65
Williams, Elmer	Sept. 29, 1883	June 20, 1893	7.51	4.86
Williams, Pierce Cecil	July 26, 1885	June 9, 1893	8.42	7.00
Wilson, James	April 14, 1885	March 27, 1894	6.31	6.79
Wilson, Walter Thompson	April 29, 1885	April 27, 1894	9.23	9.93
Wittmer, Howard Lewis	Nov. 28, 1884	April 27, 1894	8.68	9.42
Wrightson, Bertram Joseph	Feb. 2, 1885	May 31, 1892	7.01	9.16
<b>Ziegler, George Delbert</b>	Feb. 3, 1885	Dec. 30, 1892	8.66	6.73

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
<b>Adler, Max</b>	April 7, 1885	May 31, 1893	6.90	7.80
Albrecht, John Henry	Feb., 11, 1885	Jan. 20, 1893	6.92	9.01
Allwine, John Adam	Oct. 6, 1884	May 31, 1894	6.44	7.74
Archer, Thomas Bertram	Dec. 7, 1888	Sept. 18, 1896	6.58	6.18
<b>Backus, George Wrigley</b>	July 8, 1887	May 31, 1895	6.10	7.10
Backus, Henry	April 21, 1885	Dec. 28, 1894	6.92	0.52
Bagans, Arthur Lawrence	March 10, 1887	May 31, 1894	7.86	9.21
Bale, William Cook	Jan. 16, 1885	Dec. 28, 1894	7.26	8.07
Barnes, Clifford	Sept. 17, 1887	May 29, 1896	8.16	8.31
Barrett, Raymond	Feb. 18, 1886	Sept. 21, 1894	7.38	9.22
Battersby, Edward	June 3, 1888	Sept. 6, 1897	7.89	9.19
Battersby, Joseph Taylor	March 7, 1885	April 27, 1894	6.91	9.51
Beck, Raymond Stewart	Oct. 13, 1887	Sept. 7, 1897	8.18	9.30
Bell, Henry Ziegler	April 26, 1886	April 25, 1894	7.51	7.92
Bell, Robert Hamilton	Sept. 19, 1885	Dec. 29, 1893	6.75	5.82
Bell, Thomas	July 16, 1887	July 22, 1893	6.98	7.40
Bennett, Samuel B.	Dec. 23, 1885	May 31, 1894	6.68	6.46
Benté, Walter	Nov. 6, 1885	May 31, 1893	6.77	9.04
Bernius, Gustave Adolph	April 20, 1886	Jan. 4, 1894	6.59	7.93
Biesecker, L. Maxwell	Jan. 2, 1885	June 1, 1893	7.35	9.08
Binder, George Lincoln	Oct. 8, 1885	April 27, 1894	6.26	6.00
Bingeman, Abraham	June 11, 1884	April 27, 1894	6.51	5.16
Birney, John Taylor	Nov. 4, 1887	Jan. 16, 1894	6.12	7.06
Blakely, Thomas	March 17, 1886	Jan. 16, 1894	7.25	6.69
Booth, George	April 18, 1884	Dec. 29, 1893	5.90	3.68
Borzner, Philip William	July 3, 1885	May 31, 1893	6.49	6.71
Bossler, Dallas Arthur	Sept. 30, 1884	Sept. 21, 1894	6.82	8.34
Bossler, Jay Bender	Sept. 4, 1885	Sept. 21, 1894	7.04	8.71
Bourne, Wallace Charles	July 22, 1885	April 27, 1894	5.89	6.14
Bowes, Alphonsius	Aug. 29, 1885	June 21, 1894	6.94	8.20
Bradley, William James	March 2, 1887	Dec. 31, 1895	7.57	8.86
Brandt, William Benjamin	April 22, 1886	May 31, 1894	6.88	6.69
Brenchied, Jacob	Nov. 18, 1884	May 31, 1892	6.31	8.21
Brendle, William	Oct. 25, 1885	May 31, 1894	6.81	8.09
Brewer, Roy Nordstrom	Sept. 6, 1884	April 27, 1894	7.77	8.89
Brooks, George Washington	Aug. 5, 1887	Dec. 31, 1894	6.41	5.85
Brown, Frank Heckler	Oct. 12, 1885	June 1, 1893	6.82	5.55
Brown, Frank Joseph	March 15, 1887	May 31, 1894	6.68	8.29
Brown, John	Sept. 10, 1885	April 27, 1894	7.35	7.41
Brown, Warren Ellwood	July 12, 1885	May 31, 1893	6.34	4.28
Bryan, James L.	Dec. 17, 1885	June 20, 1893	7.44	6.63
Bryant, Benjamin Franklin	Nov. 18, 1887	May 31, 1895	6.88	7.39
Butzer, George Franklin	March 19, 1886	March 27, 1894	7.30	6.80
Bye, Allen	April 26, 1885	May 31, 1894	6.65	4.50
Bye, Frank Booth	April 26, 1885	May 31, 1894	6.29	8.25
<b>Carle, Louis Frederick</b>	Feb. 2, 1887	Dec. 28, 1894	6.74	8.52
Casper, William Henry	Jan. 9, 1886	May 31, 1894	7.07	9.54
Cassett, George Arthur	Sept. 29, 1887	May 31, 1895	7.57	8.18
Chabot, Joseph Farquhar	April 4, 1886	Jan. 16, 1894	6.62	3.60
Christ, Leslie Carlisle	Aug. 9, 1887	May 29, 1896	7.54	9.33

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Christman, Charles Newton	Jan. 14, 1887	Sept. 21, 1894	7.23	6.56
Clark, Andrew Jackson	May 2, 1886	Jan. 16, 1894	6.89	8.52
Clark, John Hugh	July 19, 1886	March 27, 1894	6.38	7.75
Clark, James Wilson	Sept. 18, 1886	Dec. 31, 1895	6.13	8.66
Clerval, Francis	Jan. 6, 1886	Sept. 20, 1895	7.13	8.51
Coleman, Joseph Alvin	July 26, 1886	April 27, 1894	7.60	7.81
Collins, John Peasnal	March 2, 1887	May 31, 1894	6.56	6.71
Condron, John	Oct. 16, 1886	May 31, 1894	7.02	5.54
Connelly, James	Feb. 22, 1887	May 31, 1895	6.41	8.52
Conner, Joseph Shallcross	Oct. 19, 1885	April 27, 1894	7.41	7.89
Cook, Charles Gottlieb	March 7, 1886	April 5, 1894	7.22	8.03
Cook, Nelson	Nov. 7, 1888	Feb. 11, 1897	6.43	8.51
Coulter, Crawford Thomas	Jan. 18, 1886	Dec. 28, 1894	6.31	6.78
Craig, Lewis Victor	Aug. 12, 1886	May 31, 1895	6.23	9.30
Crawford, John Leroy	May 21, 1887	Dec. 30, 1896	8.54	9.33
Creggan, John Grant	June 29, 1885	June 1, 1893	6.63	8.66
Cresswell, Albert	April 2, 1885	June 1, 1893	6.57	8.13
Crockett, Henry Ervin	Oct. 4, 1885	June 1, 1893	6.78	9.49
Crook, Robert Arthur	Jan. 4, 1887	Oct. 9, 1894	7.14	9.93
Crooks, Benjamin Edward	Jan. 14, 1886	Dec. 29, 1893	6.69	6.49
Crossley, Ellwood Matlack	May 20, 1886	March 27, 1894	6.37	5.38
Crytser, Charles Abram	Oct. 25, 1886	April 27, 1894	7.12	5.38
Curllett, Joseph Henry	Dec. 2, 1885	Dec. 30, 1892	6.42	6.79
<b>Davidson, Wm. George</b>	May 19, 1886	April 13, 1894	7.04	7.00
Davis, Ellwood Alphonso	Aug. 20, 1887	June 7, 1895	6.90	8.04
Davis, William Whitley	Dec. 29, 1885	May 31, 1894	7.29	5.16
Deatch, Harry	June 10, 1885	June 1, 1893	7.51	9.62
Denny, Alexander N.	Sept. 1, 1886	Jan. 10, 1895	6.94	9.88
Derrickson, Albert Ernest	April 28, 1888	Dec. 31, 1895	7.76	8.95
Dessalet, William Bouvier	Sept. 21, 1887	Sept. 18, 1896	7.34	6.43
Devine, Walter Joseph	May 14, 1887	May 29, 1896	7.51	8.17
Devlin, Bartholomew M.	Oct. 27, 1885	Oct. 5, 1894	6.18	4.12
Ditzler, Herbert Newton	Aug. 17, 1884	Dec. 29, 1893	6.45	6.26
Dixey, William Ropes	May 20, 1887	Sept. 21, 1894	6.91	8.81
Doke, Robert William	Oct. 17, 1886	Dec. 29, 1893	6.11	7.19
Dorsey, Joseph Spencer	Aug. 19, 1884	April 27, 1894	7.20	8.97
Dougherty, Charles	July 13, 1886	May 31, 1893	6.66	4.74
Dougherty, Hugh	Dec. 15, 1886	Jan. 13, 1893	7.37	6.79
Dougherty, Joseph Hugh	April 29, 1885	Sept. 18, 1891	5.26	0.52
Dougherty, Stephen	July 13, 1886	May 31, 1893	6.13	5.12
Dougherty, William	Sept. 8, 1887	May 29, 1896	7.18	8.98
Downs, Clarence Lavalette	Aug. 12, 1887	May 31, 1895	7.24	5.26
Downs, Ernest Victor	July 17, 1885	May 31, 1895	7.40	9.39
Drummond, William Daniel	Jan. 17, 1888	Sept. 20, 1895	6.60	9.16
Dungan, Clarence Brownell	Feb. 1, 1886	April 4, 1894	7.40	9.41
<b>Ealer, William Leston</b>	June 9, 1885	Dec. 29, 1893	7.15	7.04
Earl, Elmer Ellsworth	April 24, 1885	May 31, 1894	6.59	9.24
Earnest, James Madison	July 23, 1885	Sept. 28, 1894	7.10	6.60
Eisenhower, Leo Robert	May 26, 1885	March 27, 1894	6.62	9.55
Emery, Walter Chauncey	Feb. 4, 1885	Sept. 28, 1894	7.11	8.57
Endriss, Wm. John Henry	Aug. 28, 1886	March 27, 1894	7.43	9.09
Enz, Charles Gottlieb	July 28, 1888	May 29, 1896	6.98	8.62
Evans, Herbert Leroy	Aug. 24, 1886	April 27, 1894	6.42	6.58
Evans, William	Nov. 14, 1886	Sept. 21, 1894	6.36	7.07

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Evans, Yorath Dean	July 8, 1886	May 29, 1896	7.00	5.65
Eyre, Charles	Nov. 13, 1886	May 31, 1895	7.87	9.06
<b>Faber, Casper</b>	March 6, 1886	April 27, 1894	6.93	4.96
Falk, William Martin	Oct. 4, 1886	May 31, 1894	6.75	5.33
Farrell, George Marker	Oct. 14, 1884	April 27, 1894	6.78	5.54
Feder, Frederick Harry	Nov. 2, 1884	April 27, 1894	5.94	6.74
Fels, John Godfrey Frank	March 21, 1885	April 27, 1894	7.14	6.79
Fenstermacher, Albert K.	Jan. 15, 1888	May 31, 1895	8.44	7.28
Fetterolf, Samuel Herbert	Aug. 26, 1885	April 27, 1894	6.91	3.95
Fetterolf, William Donald	June 28, 1884	April 27, 1894	7.05	5.70
Finch, Ernest Van Lieu	Dec. 13, 1885	April 27, 1894	7.29	8.78
Fitting, Samuel Eugene	Aug. 15, 1886	May 31, 1895	7.44	9.02
Flanagan, Daniel Henry	Sept. 1, 1888	Dec. 31, 1897	7.43	8.06
Fleck, Charles Seward	Sept. 17, 1887	Sept. 7, 1897	8.45	8.94
Focht, Albert W.	Jan. 27, 1885	Dec. 29, 1893	6.49	7.21
Foley, Francis Benedict	July 7, 1887	Sept. 21, 1894	7.04	7.42
Foley, John Patrick	Sept. 11, 1885	May 31, 1895	6.59	5.87
Forbes, Frank	May 2, 1886	Dec. 28, 1894	6.42	7.35
Foster, Sylvester Jeremiah	Dec. 10, 1886	May 31, 1895	6.96	9.13
Francis, Burton Leroy	Sept. 27, 1885	June 1, 1893	6.12	1.98
Fredericks, Robert	Jan. 28, 1886	April 3, 1894	7.16	7.85
Friedrichs, Theodore H.	Sept. 12, 1884	Sept. 10, 1894	7.09	7.91
Frith, James Schofield	March 2, 1886	Dec. 28, 1894	6.34	6.98
Fritz, Theodore	Feb. 26, 1887	Dec. 28, 1894	6.51	7.55
Frye, Albert Levi	Dec. 21, 1885	Dec. 28, 1894	6.98	7.29
Furey, Christian David	July 26, 1886	April 27, 1894	6.70	9.00
<b>Gallagher, David Hewes</b>	Oct. 24, 1887	Sept. 6, 1897	7.83	8.97
Garbrecht, William	Sept. 5, 1885	March 27, 1894	6.45	2.86
Gaumer, Harvey Leon	July 22, 1887	Dec. 28, 1894	7.61	7.99
Gaun, Charles	April 15, 1885	Jan. 5, 1894	6.81	7.95
Gehring, Andrew Jeremiah	Dec. 6, 1884	April 27, 1894	7.01	9.24
Gehring, Walter Raimond	Jan. 3, 1888	May 31, 1895	6.45	8.36
Geikler, George Groll	Feb. 27, 1885	Dec. 28, 1894	6.21	7.35
Gentner, Louis Frederick	July 22, 1887	May 31, 1895	8.07	9.62
George, Paul Zachariah	June 20, 1885	Sept. 21, 1894	6.79	8.39
Getz, Charles Louis	March 18, 1886	May 31, 1894	6.87	6.88
Gibson, William Singlerly	June 21, 1887	May 31, 1895	6.34	8.92
Gilbert, Harold Mitchell	May 1, 1888	Dec. 31, 1895	7.38	6.53
Gilliard, Adolph	May 18, 1885	May 31, 1892	6.47	4.30
Goodyear, John Frederick	Feb. 20, 1885	March 27, 1894	6.05	2.67
Gordon, William	March 23, 1887	Sept. 18, 1896	6.43	7.27
Gormley, William Patrick	June 7, 1885	Dec. 30, 1892	7.12	8.98
Graf, Alexander Davison	Dec. 7, 1885	June 8, 1894	6.27	1.13
Green, Rupp James	April 17, 1886	May 4, 1894	6.93	7.90
Greenhalgh, Edward	Feb. 7, 1885	May 31, 1892	7.03	7.58
Griffin, James Robert	July 8, 1887	May 31, 1895	6.16	6.94
Griffin, John Charles	Nov. 15, 1885	June 20, 1893	8.01	7.77
Griffiths, Thomas Hurst	June 8, 1886	Jan. 29, 1895	7.44	8.75
Gundry, William Harold	July 14, 1887	Sept. 18, 1896	7.62	9.40
<b>Hadesty, Linden King</b>	Oct. 17, 1885	April 27, 1894	5.93	9.27
Hagan, George	May 22, 1885	Dec. 28, 1894	7.21	7.37
Hager, Frederick Charles	Feb. 10, 1886	Jan. 28, 1895	6.18	7.75
Hall, John Robert	Jan. 31, 1886	May 31, 1894	7.37	5.93
Hamilton, James Morrow	March 3, 1886	May 31, 1892	7.10	8.82



## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Haney, Walter Lewis	Feb. 8, 1887	May 29, 1896	6.00	7.59
Hanna, William J.	July 27, 1886	April 27, 1894	6.26	3.75
Hardie, Augustus Brunner	Jan. 16, 1886	May 31, 1895	7.09	7.55
Hart, Edward	Feb. 3, 1886	Dec. 31, 1895	8.27	8.99
Hart, Ellwood Beaver	Jan. 22, 1888	Sept. 7, 1897	8.31	8.89
Hartman, Daniel Wilford	March 31, 1888	Dec. 31, 1897	8.30	9.58
Harvey, Francis Alexander	Sept. 2, 1887	Jan. 12, 1895	7.55	8.16
Harvey, Rosher Paul	Dec. 22, 1884	June 20, 1893	6.21	5.68
Hatz, Albert	Feb. 8, 1886	June 20, 1893	6.83	5.90
Hebrew, James Raymond	May 22, 1886	May 31, 1895	7.85	9.19
Heintzel, Edw'd Theo. Robert	May 20, 1885	Dec. 29, 1893	6.65	7.12
Helbling, Albert John	Aug. 22, 1885	May 31, 1893	6.41	3.51
Heman, Guy Ernest	Dec. 25, 1885	June 20, 1893	7.35	7.30
Henning, William Hugh	Feb. 26, 1885	Feb. 9, 1895	6.54	6.39
Henry, Edward James	July 17, 1887	Sept. 21, 1894	6.45	6.34
Henry, Harry Harper	June 1, 1886	Dec. 31, 1895	6.53	7.23
Henszey, Harold Leon	Oct. 5, 1885	Dec. 28, 1894	6.32	9.19
Henszey, Roy Ormonde	May 20, 1887	Dec. 28, 1894	8.69	8.16
Herr, Floyd V.	July 19, 1885	June 1, 1893	6.70	6.54
Herrmann, George Elliott	Oct. 31, 1886	April 27, 1894	7.09	8.29
Hildebrand, Wilmer Frank	Aug. 24, 1885	June 20, 1893	6.54	9.45
Hildenbrand, Bertram Wm.	Nov. 21, 1887	Dec. 28, 1894	7.02	8.82
Hoelzle, Frederick Theodore	March 29, 1885	Dec. 28, 1894	6.99	4.55
Holden, William Horrocks	Dec. 24, 1885	Jan. 16, 1894	7.11	6.63
Hollenberg, Frederick Henry	Dec. 25, 1885	Dec. 29, 1893	7.20	7.45
Hollis, Albert Campbell	July 18, 1884	March 27, 1894	6.86	7.11
Holmes, Richard Leeny	Aug. 1, 1885	May 31, 1893	6.44	5.88
Holt, Esler Beck	May 5, 1887	Dec. 28, 1894	7.47	9.08
Hongler, Joseph August	Sept. 9, 1885	March 27, 1894	6.77	8.69
Honywill, John Henry	Jan. 7, 1888	May 31, 1895	7.33	8.34
Hooper, Frederick Fairfield	Oct. 17, 1885	May 31, 1893	6.74	5.70
Hopper, Henry Charles	Dec. 12, 1886	June 6, 1894	5.58	9.45
Hormann, Lynn Weiss	Sept. 9, 1887	Dec. 28, 1894	6.97	7.01
Hultz, Jesse Grover	Aug. 4, 1887	May 29, 1896	7.67	9.42
Hunter, Samuel	April 23, 1888	Sept. 20, 1895	6.15	7.60
Huntzinger, Charles Lewis	Oct. 11, 1886	April 30, 1894	7.83	9.24
Irvin, Ernst	Dec. 27, 1884	May 31, 1892	6.46	6.22
Jacobs, Frederick Ellis	June 10, 1886	Jan. 21, 1895	7.54	8.57
Jefferies, Edmund Landis	Oct. 15, 1885	April 27, 1894	..	..
Jelly, Stephen	June 16, 1885	June 1, 1893	6.49	9.21
Johnston, Isaac Thomas	July 8, 1885	March 27, 1894	6.86	5.28
Jones, Harry Samuel	May 6, 1886	April 27, 1894	6.73	7.53
Jones, James Beaver	Dec. 8, 1886	May 31, 1893	7.16	7.68
Jones, William Edwin	June 26, 1884	April 27, 1894	6.25	5.15
Jordan, William	May 25, 1887	Dec. 28, 1894	7.05	7.75
Joyce, Edward Thomas	April 10, 1885	June 16, 1894	6.36	6.33
Joyce, John Francis	Sept. 1, 1886	June 16, 1894	7.44	6.56
Kahler, Henry	April 29, 1885	Jan. 15, 1894	7.24	9.72
Kane, William Reno	Nov. 25, 1885	April 27, 1894	7.03	3.70
Kemble, Mark Everett	Aug. 24, 1885	June 1, 1893	6.77	7.15
Keys, Fullerton McFall	June 21, 1885	Sept. 21, 1894	6.22	7.84
Kimpel, Francis Nicholas	Aug. 22, 1886	Dec. 31, 1895	7.72	9.66
King, Emory Louis	June 5, 1886	May 31, 1894	6.81	6.35
King, Harry Edward	June 5, 1886	May 31, 1894	6.72	6.11

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 141

THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
King, Samuel Alexander	Feb. 13, 1886	Dec. 31, 1895	7.46	8.73
Kirk, Charles Cleveland	June 4, 1884	April 27, 1894	7.51	9.05
Kline, Milton Benjamin	Feb. 14, 1887	Sept. 21, 1894	7.22	8.04
Knowles, Henry Rutherford	June 9, 1886	March 27, 1894	6.36	8.60
Knox, Elmer Ellsworth	Oct. 16, 1887	Dec. 28, 1894	7.71	8.47
Krauss, Joseph Monroe	Sept. 5, 1887	Feb. 2, 1895	7.22	7.94
<b>Lambert, Wm. James</b>	Jan. 2, 1886	June 20, 1893	6.57	7.87
Lau, Henry	March 17, 1885	May 31, 1895	7.30	9.84
Lau, Louis	Feb. 12, 1887	May 31, 1894	6.63	8.22
Laycock, Birtie	July 24, 1885	Sept. 18, 1891	6.75	4.03
Leister, James Monroe	May 4, 1886	May 1, 1894	7.00	9.58
Levering, George Armitage	Feb. 12, 1885	May 31, 1894	6.21	5.59
Levitt, Daniel Thomas	April 1, 1885	April 27, 1894	7.54	7.45
Levitt, Howard William	Sept. 8, 1886	April 27, 1894	5.64	7.36
Lewis, John Coin	May 29, 1886	March 27, 1894	7.04	8.09
Lewis, William Calhoun	Sept. 11, 1886	Dec. 28, 1894	6.60	3.67
Lingo, William Williams	Jan. 30, 1886	May 31, 1895	6.60	3.54
Lippincott, Charles Wiley	Aug. 8, 1884	March 27, 1894	6.89	8.94
Lippincott, Harry Atkinson	Aug. 8, 1884	March 27, 1894	6.32	3.33
Little, George C.	Dec. 18, 1884	April 27, 1894	6.96	. .
Long, Clark Samuel	Sept. 28, 1887	Dec. 31, 1895	6.89	9.62
Long, William Howard	Feb. 8, 1886	May 31, 1894	7.08	7.57
Love, Robert	Aug. 14, 1886	Dec. 28, 1894	7.16	7.44
<b>McCarter, Matthew L.</b>	Dec. 26, 1886	Sept. 20, 1895	6.94	8.37
McCloskey, John	April 23, 1887	May 31, 1893	6.79	7.97
McCoy, Clarence Robert	June 8, 1886	May 31, 1894	6.67	6.51
McCully, Charles Thomas	July 20, 1886	Dec. 31, 1895	7.38	7.56
McGorvin, Raymond	Sept. 22, 1886	Dec. 31, 1895	7.11	7.92
McGurn, Edward R.	April 4, 1887	Oct. 13, 1894	6.82	7.87
McKane, William Paul	June 16, 1887	Jan. 7, 1896	6.84	8.12
Manion, Martin	Jan. 23, 1887	May 29, 1896	6.84	9.78
Mayers, Milton	March 12, 1887	Sept. 21, 1894	6.72	5.95
Mayne, Walter Gilbert	July 4, 1888	Sept. 6, 1897	7.88	9.37
Mead, Joseph Edward	April 22, 1885	Dec. 30, 1892	7.04	5.94
Meadowcroft, Harold	July 1, 1885	Feb. 14, 1895	6.74	8.07
Meehan, John	Sept. 23, 1885	Jan. 16, 1894	6.39	1.58
Meenan, David B.	Feb. 9, 1887	May 31, 1894	6.15	5.88
Metz, John Philip	Feb. 14, 1885	Dec. 30, 1891	5.93	3.64
Miller, Granville Guy	July 1, 1887	June 25, 1897	8.08	9.63
Miller, Harman Harry	Dec. 14, 1886	Sept. 24, 1895	6.63	8.06
Mitchell, Joseph Henry	Oct. 15, 1886	April 27, 1894	8.18	6.26
Mitchell, Maurice McClellan	April 24, 1887	Sept. 21, 1894	5.50	6.08
Mogee, James Kirkpatrick	Aug. 12, 1885	May 31, 1895	6.58	6.25
Mogee, Walter John	Sept. 3, 1887	May 31, 1895	7.33	6.95
Mohr, James	Dec. 5, 1886	May 31, 1895	7.75	9.73
Mohr, Preston Jacob	Oct. 3, 1884	Sept. 21, 1894	7.05	9.64
Moldenhauer, Carl William	June 16, 1887	July 2, 1895	7.15	9.11
Montgomery, Jno. Thompson	April 18, 1885	Dec. 28, 1894	7.41	7.40
Morgan, Leonard	Sept. 2, 1886	April 27, 1894	6.73	4.84
Morgan, Leroy	May 15, 1884	April 27, 1894	7.05	9.28
Morris, Robert Baxter	Feb. 27, 1886	Dec. 29, 1893	6.49	2.63
Morris, William	July 6, 1884	Dec. 29, 1893	6.19	5.91
Moyer, Elvin Rodgers	May 14, 1885	April 27, 1894	6.71	3.96
Müller, John	April 28, 1886	May 31, 1895	7.60	8.35

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Mulvihill, Bernard	July 8, 1886	May 31, 1893	6.70	5.75
Mulvihill, Michael	March 20, 1885	Sept. 18, 1891	6.97	7.11
Mundorf, Raber	Sept. 28, 1887	May 31, 1895	8.48	9.87
Neel, Amos Joseph	June 19, 1885	May 31, 1895	6.73	6.82
Newton, Arthur Griffith	Aug. 15, 1886	April 27, 1894	7.48	5.46
Norman, Albert Lindsley	April 20, 1885	Dec. 30, 1892	7.19	9.35
Norman, Harry Elmer	July 17, 1886	Dec. 31, 1895	6.98	9.15
O'Neill, John Edward	Dec. 16, 1885	April 3, 1894	6.95	8.54
Osterman, Arvon Elmer	Sept. 19, 1886	Sept. 20, 1895	7.26	5.87
Otterson, Albert	March 13, 1885	May 31, 1894	7.23	4.40
Parchem, Albert James	July 9, 1885	Dec. 29, 1893	7.03	6.54
Patterson, Samuel Ralph	Dec. 13, 1884	April 27, 1894	5.78	5.14
Paulhamus, Holden Taylor	March 7, 1888	Sept. 7, 1897	7.79	8.55
Peters, Edward	July 4, 1886	Dec. 31, 1895	6.36	8.67
Phelps, Thomas T.	Aug. 29, 1885	April 6, 1894	6.10	7.64
Picton, Raymond	Sept. 12, 1886	May 29, 1896	7.28	7.73
Pieper, Herman John	Oct. 6, 1884	Jan. 16, 1894	6.90	5.91
Pierce, James Harvey	Sept. 26, 1887	May 29, 1896	7.71	7.76
Piersol, Richard John	Oct. 13, 1886	May 31, 1894	7.30	9.62
Pilling, Harry	June 22, 1884	April 27, 1894	6.24	7.55
Plate, George Philip	March 5, 1885	Dec. 29, 1893	6.96	6.37
Pritchard, Timothy L.	Jan. 28, 1887	May 31, 1894	6.18	6.64
Pullig, Morris Van Beil	May 18, 1885	Dec. 28, 1894	6.46	7.22
Pyder, William Oliver	Dec. 17, 1887	June 25, 1895	7.04	7.96
Ralston, Andrew	March 19, 1886	Dec. 28, 1894	6.94	4.93
Ralston, Arthur	April 4, 1889	May 31, 1895	6.23	8.20
Ralston, John	Dec. 9, 1886	Dec. 28, 1894	7.52	9.04
Ramsdale, Samuel Edward	April 23, 1885	Dec. 30, 1892	7.93	7.45
Rapp, Carl August	Jan. 28, 1887	Sept. 21, 1894	6.79	9.30
Redington, Edgar Harrison	Sept. 27, 1887	Dec. 28, 1894	7.09	7.94
Rees, Thomas Milton	July 13, 1886	May 29, 1896	6.94	8.69
Reiff, Earl James S.	July 12, 1885	April 9, 1894	6.29	6.73
Reilly, Joseph	Jan. 20, 1887	May 31, 1895	6.06	9.09
Reilly, Leo	April 27, 1887	June 2, 1896	6.61	8.44
Reinhold, Francis Herman	Oct. 9, 1886	April 27, 1894	6.58	5.66
Rementer, Charles Henry	April 23, 1884	April 20, 1894	6.08	6.48
Rementer, Walter Wesley	June 8, 1886	April 20, 1894	6.86	5.51
Retallick, Harry	July 17, 1885	Feb. 5, 1895	6.84	3.80
Reuss, Charles	Oct. 11, 1887	Dec. 28, 1894	6.32	8.60
Reynolds, Carl Herman	May 6, 1885	June 1, 1893	6.72	9.20
Rhodes, Elvy Elmer	Jan. 9, 1886	Sept. 21, 1894	6.93	7.18
Rieder, John Otto	April 23, 1887	Dec. 31, 1895	7.82	9.35
Riter, Walter Scott	Sept. 2, 1886	Dec. 31, 1895	6.78	7.71
Roberts, Thomas	Jan. 4, 1885	May 31, 1894	7.06	9.88
Robinson, John Edwin	July 26, 1886	Dec. 31, 1895	7.90	8.66
Rohlfing, Charles Frederick	Sept. 7, 1885	Dec. 28, 1894	6.65	6.94
Rosewarne, Albert	Jan. 19, 1886	June 22, 1894	6.09	5.06
Royal, Harry Webster	Feb. 7, 1887	Sept. 21, 1894	6.44	6.84
Royer, Oliver Vincent	Feb. 7, 1886	July 24, 1893	6.24	8.12
Sailer, George Edmund	March 5, 1885	May 31, 1894	6.83	5.43
Scheufele, Wilbur Sherman	June 27, 1886	May 31, 1893	8.05	8.70
Schleider, Ferdin'd Alphonse	Oct. 12, 1888	May 29, 1896	7.91	8.24
Schmid, John Valentine	Nov. 7, 1884	June 15, 1894	6.25	6.90
Schmid, William Lewis	Nov. 19, 1886	June 15, 1894	6.64	4.15

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 143

THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Schmidt, Philip	July 16, 1886	April 27, 1894	6.50	8.54
Schock, Howard Jacob	Dec. 1, 1884	Dec. 31, 1891	5.62	7.04
Schwartz, William Theodore	Jan. 23, 1887	April 27, 1894	7.28	2.28
Schwenk, Ernest Leon	April 3, 1888	Sept. 24, 1895	7.46	6.61
Scott, Richard	April 11, 1886	May 31, 1894	6.90	8.49
Scott, Robert	Nov. 2, 1887	Jan. 17, 1896	7.39	9.29
Scott, William	Nov. 4, 1886	May 31, 1895	7.74	9.09
Seal, Lewis William	April 17, 1887	Sept. 21, 1894	6.89	3.12
Sechrist, Robert William	Aug. 25, 1884	April 27, 1894	7.06	8.13
Seifert, Charles Oscar	Jan. 29, 1885	Dec. 30, 1892	6.80	8.11
Seifert, Ernest John	July 31, 1887	Dec. 31, 1895	6.64	9.36
Seitzinger, Frank Leister	April 10, 1887	May 31, 1894	6.13	9.89
Shannon, Alvin Walker	June 11, 1886	May 31, 1895	6.75	7.97
Shaw, Henry Austin	May 7, 1886	March 27, 1894	6.74	6.11
Shupp, Guy Watson	Jan. 2, 1885	May 31, 1894	7.01	8.78
Sickel, George Benson	May 7, 1887	Dec. 28, 1894	6.87	7.32
Sigel, John	Nov. 22, 1885	May 31, 1894	6.98	7.46
Silber, Albert George	Oct. 15, 1886	May 29, 1896	7.87	8.25
Simmons, Albert Radcliffe	Jan. 21, 1885	Sept. 21, 1894	6.37	6.23
Simmons, Layton Thomas	April 7, 1887	Sept. 21, 1894	6.03	5.04
Simons, Frank Lewis	Oct. 19, 1885	May 31, 1894	7.23	9.40
Simons, Frank Walker	April 29, 1886	Jan. 16, 1894	7.36	7.18
Simpson, Frederick J.	Aug. 23, 1884	April 27, 1894	5.18	9.82
Simpson, Samuel Smith	March 9, 1887	Sept. 21, 1894	7.44	8.57
Siple, Ambrose Kerwin Aug.	Sept. 19, 1886	June 24, 1896	7.99	8.35
Sippel, John Sebastian	March 10, 1885	Jan. 16, 1894	7.61	8.75
Sisco, Andrew Frazer	Dec. 14, 1884	June 23, 1893	6.39	6.19
Skilton, Colton Davison	Oct. 23, 1887	Dec. 28, 1894	6.66	6.14
Slifer, Clarence	Nov. 28, 1886	June 15, 1896	7.47	5.72
Smith, Charles Crandol	Oct. 1, 1886	April 27, 1894	7.29	8.04
Smith, Elmer Hicks	May 19, 1885	May 31, 1893	6.89	5.79
Smith, Howard Allen	Aug. 20, 1886	May 31, 1894	7.15	5.37
Smith, Jesse	Dec. 28, 1885	June 20, 1893	7.07	4.79
Smith Waldo	July 19, 1886	May 31, 1894	7.49	7.88
Smith, Walter Allen	Jan. 29, 1887	May 31, 1894	6.91	7.87
Smith, William Dallas	May 19, 1886	Jan. 5, 1893	7.01	6.78
Sneddon, Howard Blaine	July 13, 1886	May 31, 1895	6.63	8.90
Snyder, Stanley Herbert	Dec. 15, 1888	Dec. 30, 1896	7.20	9.28
Snyder, William Roscoe	June 19, 1887	Dec. 31, 1895	7.47	9.90
Sontgen, Frederick	Jan. 22, 1888	May 31, 1895	6.68	8.83
Southern, Warren Peter	March 14, 1885	March 12, 1895	6.31	6.14
Southern, William Earle	Sept. 17, 1886	Oct. 5, 1894	6.86	7.01
Sponsler, Howard Milton	Jan. 30, 1885	June 1, 1893	6.46	6.72
Stanton, Joseph Earl	Aug. 14, 1886	Dec. 30, 1892	7.10	8.05
Starr, William Harvey	March 23, 1887	Jan. 14, 1896	7.77	8.31
States, Charles Lambert	Aug. 25, 1886	April 27, 1894	6.68	7.64
States, James Lester	Feb. 16, 1889	Dec. 30, 1896	7.68	7.95
Stecklein, Theodore Otto	Feb. 19, 1886	April 27, 1894	6.30	8.36
Steckline, Chas. Earl Wash'n	June 27, 1886	Sept. 21, 1894	7.63	9.22
Stehle, Sheridan Valentine	Feb. 14, 1888	May 31, 1895	7.44	8.55
Steltz, Reuben Edwin	Nov. 26, 1885	April 27, 1894	6.95	6.17
Stone, Elijah	Aug. 8, 1886	Dec. 31, 1895	7.39	7.24
Stranaghan, James Lowry	Aug. 6, 1885	Dec. 28, 1894	6.35	6.37
Stratton, Comly Hampton	Dec. 6, 1886	May 31, 1894	7.24	8.04

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Stubblebine, Raym'nd Francis	Aug. 17, 1886	Sept. 21, 1894	7.23	8.47
<b>Tatem, William George</b>	Nov. 23, 1886	May 31, 1894	6.41	9.57
Terry, Harry Shaw	March 17, 1885	April 27, 1894	7.09	8.78
Thackara, George Isaac	May 20, 1885	June 27, 1893	6.70	8.99
Thomas, Augustus G.	Nov. 23, 1885	Jan. 16, 1894	6.58	8.98
Thompson, William Lewis	July 18, 1885	June 20, 1893	7.66	5.59
Thorn, William	July 29, 1886	May 31, 1895	7.14	8.67
Thress, John	Oct. 8, 1886	May 31, 1895	7.04	9.03
Tice, Irvin	May 18, 1886	Dec. 31, 1895	6.74	5.15
Tourish, John	Jan. 1, 1886	Dec. 31, 1895	7.37	8.04
Troutman, Harvey Andrew	July 3, 1888	Dec. 30, 1896	7.47	9.14
Tyson, Lawrence Norman	Jan. 7, 1888	May 31, 1895	6.64	7.12
<b>Undercoffler, Charles H.</b>	Oct. 18, 1885	June 1, 1893	6.48	7.82
<b>Vanderhylen, Oscar Wm.</b>	Jan. 27, 1887	Jan. 12, 1895	6.58	6.10
<b>Wagner, John Robert</b>	Dec. 6, 1889	Sept. 6, 1897	8.35	6.49
Wahl, Walter Howard	July 8, 1886	May 29, 1896	6.48	5.45
Wahler, Charles Joseph	April 20, 1886	June 24, 1895	6.21	6.57
Waide, James Adams	Oct. 3, 1887	Jan. 14, 1895	7.59	7.81
Wanner, Samuel	March 14, 1886	Sept. 20, 1895	6.85	6.36
Warner, John Miffin	June 24, 1886	June 24, 1895	6.74	8.84
Warner, Meade H.	Aug. 18, 1886	Sept. 21, 1894	7.89	8.71
Watson, William G. T.	March 12, 1885	Jan. 24, 1893	6.52	5.68
Wear, Leslie Mitchell Snyder	Dec. 11, 1886	April 27, 1894	6.82	7.27
Webster, Samuel Berrell	Feb. 8, 1886	June 20, 1893	6.95	3.66
Weiler, William Dominick	Aug. 6, 1885	May 31, 1895	6.05	8.11
Wentz, Frank Reuben	July 18, 1886	March 27, 1894	7.59	8.65
Werdermann, Gustave F. W.	May 7, 1885	Dec. 30, 1892	6.80	7.02
Werner, George Herman	July 11, 1886	Dec. 28, 1894	7.51	7.55
Wheatley, Henry Hyatt	Sept. 9, 1886	Sept. 21, 1894	6.61	8.15
Williams, Benjamin	April 23, 1886	March 27, 1894	6.95	5.04
Wilson, Ernest David	July 30, 1887	Sept. 21, 1894	7.33	9.75
Wilson, William Tustin	Aug. 18, 1885	June 6, 1895	7.06	1.12
Winslow, Ellery McDonald	Oct. 28, 1886	May 29, 1896	6.41	8.67
Winter, Joseph Earl	July 27, 1888	May 29, 1896	7.68	6.70
Wolstenholme, Edward	Jan. 14, 1889	Sept. 6, 1897	7.26	8.32
Woods, Harry	July 13, 1887	Sept. 18, 1896	7.60	6.42
Woods, James	Aug. 18, 1887	Dec. 28, 1894	6.40	2.22
Woods, John	Oct. 6, 1885	Dec. 28, 1894	6.59	5.81
Wright, Clarence Gurney	Jan. 8, 1885	June 20, 1893	6.33	8.70
<b>Yarnall, William</b>	May 18, 1885	Sept. 21, 1894	6.79	6.73
Yates, James	Aug. 7, 1886	May 31, 1894	6.98	7.98
Yeager, Lloyd Preston	July 5, 1886	Sept. 21, 1894	7.67	7.91
Yeager, Milton Clyde	May 19, 1888	May 29, 1896	7.44	7.79
Verkes, David Updyke	July 23, 1884	March 27, 1894	6.38	3.16
Young, Harry Pennypacker	May 9, 1885	Dec. 28, 1894	6.99	8.47
Voxheimer, Clyde	May 6, 1886	April 27, 1894	7.75	9.58
Voxheimer, Lawrence	July 20, 1884	March 27, 1894	5.88	3.18
<b>Ziegler, Theodore Frank</b>	Dec. 30, 1886	June 18, 1894	6.55	7.15

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Acker, Earle Swavely	Oct. 4, 1889	Dec. 31, 1897	7.28	8.73
Adair, James Henry	Aug. 14, 1885	May 31, 1893	6.42	3.13
Adair, Joseph Theodore	May 5, 1887	Dec. 30, 1896	8.58	9.25
Allen, John Henry	Nov. 10, 1886	April 27, 1894	6.57	5.53
Allen, Nathan E. Herdman	Feb. 2, 1889	Dec. 31, 1897	7.84	8.97
Altamus, William Holmes	June 18, 1887	Oct. 23, 1894	6.38	6.98
Amey, Herbert Raudenbush	May 10, 1887	Oct. 14, 1895	7.92	7.88
Amole, George	July 23, 1885	June 1, 1893	4.79	8.96
Amole, William	Aug. 20, 1888	May 29, 1896	7.65	8.92
Apple, George Lewis	Dec. 19, 1888	Jan. 11, 1895	7.35	7.33
Armstrong, Frank	Nov. 23, 1888	Jan. 14, 1898	7.23	8.90
Bair, Harry Miller	June 4, 1888	Dec. 31, 1895	5.88	8.68
Bair, Jay Eaby	Feb. 26, 1886	Sept. 26, 1895	6.73	9.63
Bald, Ellwood Christian	Jan. 18, 1889	June 1, 1898	6.93	8.42
Baldwin, George Frame	June 10, 1886	March 27, 1894	7.40	6.62
Barkoff, Charles	Dec. 12, 1886	Sept. 21, 1894	5.79	9.26
Baumann, Louis	Nov. 1, 1886	Dec. 31, 1895	7.01	8.38
Beach, Harry Merrel	May 11, 1888	May 29, 1896	8.27	8.83
Beatty, Joseph	May 11, 1890	Sept. 6, 1897	8.94	8.94
Beck, Charles Arthur	Sept. 17, 1889	Sept. 7, 1897	6.76	8.57
Beck, Lear Casper	March 16, 1889	Sept. 7, 1897	7.67	8.31
Beeby, Vernon Strickland	April 12, 1888	Dec. 31, 1897	7.93	9.57
Benditt, Frederick	May 24, 1889	Sept. 6, 1897	8.32	8.13
Benditt, Joseph	Sept. 3, 1886	April 27, 1894	7.54	4.50
Benner, William Trumbauer	April 13, 1886	May 31, 1894	7.26	6.14
Bennett, Howard	Jan. 10, 1888	June 8, 1895	6.18	7.47
Bierstein, Edward	Aug. 19, 1887	Dec. 28, 1894	7.93	7.55
Binder, Burdan Merrill	Nov. 19, 1887	Sept. 18, 1896	6.02	7.52
Bitterlich, Harry Francis	Dec. 31, 1888	Sept. 6, 1897	7.90	8.71
Blair, Charles Harrison	Nov. 2, 1888	Dec. 30, 1896	7.69	8.66
Blakemore, Alfred Potts	Dec. 15, 1888	Sept. 7, 1897	7.66	9.62
Blakemore, Francis Wm.	Sept. 20, 1887	Sept. 18, 1896	8.58	8.79
Bohrous, William H.	May 28, 1885	May 31, 1893	7.92	9.30
Bolden, Charles Shields	March 27, 1888	Sept. 18, 1896	7.07	8.01
Bowen, Harry Addison	Feb. 15, 1887	May 31, 1895	7.70	8.99
Boyer, Walter Charles	Feb. 9, 1888	Sept. 6, 1897	6.96	8.49
Braddock, Thomas	July 17, 1886	April 27, 1894	7.69	7.14
Brandt, Burwood	Dec. 24, 1886	Sept. 30, 1895	7.47	7.66
Breisch, George Philip	Feb. 19, 1888	May 29, 1896	7.39	7.11
Brink, Harrison Morton	Dec. 19, 1888	June 1, 1898	8.03	8.09
Brinton, Leonard	Sept. 8, 1888	Sept. 6, 1897	8.31	8.40
Britton, Edwin Horace	May 14, 1888	Dec. 30, 1896	7.66	8.81
Brocius, Clayton Abraham	June 20, 1887	Dec. 28, 1894	7.88	9.44
Brown, George Coryell	March 30, 1888	Dec. 31, 1895	7.65	8.22
Brown, Herbert A. S.	Jan. 6, 1889	Dec. 30, 1896	7.34	7.52
Brown, Paul Boyd	July 2, 1888	Jan. 17, 1896	7.69	8.26
Brown, William Ray	Aug. 18, 1887	Aug. 13, 1897	9.03	7.41
Bruce, Robert Moorhead	Oct. 13, 1889	Dec. 30, 1898	7.86	9.92
Brunner, Harry Pinkerton H.	March 29, 1888	Sept. 6, 1897	6.63	9.05
Bubeck, John Frederick	March 2, 1888	Sept. 7, 1897	7.43	8.20

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Burger, Ernest Theodore	July 23, 1887	May 31, 1895	7.55	7.58
Bush, Harry	Dec. 1, 1889	June 1, 1898	8.13	9.57
Byers, Robert	Nov. 4, 1888	June 1, 1898	7.49	9.04
Byers, Samuel	Jan. 29, 1885	May 31, 1892	. .	. .
<b>Caden, Ray</b>	March 14, 1889	Sept. 7, 1897	8.23	8.96
Cain, William	March 5, 1890	June 15, 1896	8.17	9.43
Cannan, John	Jan. 22, 1887	May 29, 1896	7.66	7.83
Carle, Charles Dayton	June 8, 1889	Sept. 7, 1897	8.16	7.97
Carlisle, Francis	June 3, 1889	Sept. 6, 1897	8.93	9.29
Casper, Raymond Elias	Nov. 4, 1887	May 31, 1895	6.44	9.15
Cassel, Benjamin Harrison	Dec. 8, 1888	Dec. 31, 1897	8.59	8.00
Cassel, Cresson	March 10, 1887	Dec. 31, 1895	7.81	7.89
Cathers, William Dennis	Dec. 23, 1886	Sept. 24, 1895	7.70	9.03
Chadwick, George Roland	Nov. 27, 1887	Feb. 19, 1895	8.03	8.61
Chambers, Frederick	Dec. 7, 1888	Sept. 6, 1897	6.74	7.77
Christian, Morton Thurston	Oct. 11, 1888	Sept. 7, 1897	8.40	8.81
Clarenbach, Albert August	June 25, 1889	Sept. 6, 1897	8.88	8.88
Clark, Henry	March 5, 1888	May 31, 1895	7.94	8.50
Clark, William Abner	Feb. 28, 1889	Sept. 7, 1897	7.96	4.76
Clark, William John	July 27, 1887	Dec. 30, 1896	7.67	9.32
Clemmer, Herbert Lincoln	July 18, 1886	April 27, 1894	7.10	8.60
Coburn, Charles Edward	March 1, 1886	May 31, 1892	6.18	7.55
Coley, Thomas Levi	Nov. 12, 1889	May 31, 1899	. .	. .
Collins, James Francis	Oct. 4, 1889	Dec. 31, 1897	8.19	9.06
Collins, Wm. Thomas	June 16, 1887	Dec. 30, 1896	6.82	8.77
Commo, Claude	July 23, 1886	May 31, 1894	6.26	8.65
Connelly, William	Jan. 25, 1889	Dec. 30, 1896	8.11	8.42
Cooper, Frank Vallee	Nov. 25, 1886	May 29, 1896	4.19	8.98
Crawford, Charles Monroe	Aug. 27, 1889	Sept. 7, 1897	7.08	9.25
Cresswell, Alexander Baird	Dec. 23, 1888	Sept. 7, 1897	7.61	9.61
Crooks, Joseph Weaver	April 21, 1888	Sept. 7, 1897	8.00	8.98
Cummings, Robert Campbell	June 21, 1887	Sept. 21, 1894	7.40	6.86
Curtin, Bernhard	July 22, 1888	May 29, 1896	7.95	8.63
<b>Dale, Warren Howard</b>	Oct. 12, 1887	May 31, 1895	6.52	7.21
Daley, Henry Thomas	Aug. 2, 1888	Dec. 31, 1897	7.85	8.11
Dallas, William Halpin	Aug. 19, 1889	June 1, 1898	8.81	9.74
Davidson, Benjamin	July 4, 1888	Dec. 30, 1896	7.85	8.42
Davis, Leonard Reyburn	March 22, 1889	May 31, 1895	8.15	8.92
Davison, John Thomas	Dec. 1, 1887	May 31, 1895	6.43	7.57
Deatch, Alexander	June 8, 1889	Sept. 7, 1897	8.32	9.24
Deeney, George Callahan	May 8, 1887	May 29, 1896	7.74	8.53
Deery, Charles Elmer	March 11, 1887	May 29, 1896	6.35	8.18
Deery, Clarence Hibbert	Dec. 22, 1887	Dec. 30, 1896	7.65	8.44
DeFreitas, Thomas Harold	Nov. 25, 1886	Sept. 20, 1895	6.87	6.27
Dessalet, James Robinson	March 7, 1889	Sept. 6, 1897	8.55	8.43
Devictor, James Phillips	Dec. 6, 1885	Dec. 28, 1894	6.48	7.97
Devlin, George Alfred	Nov. 7, 1887	Dec. 28, 1894	7.07	8.09
Dewell, Albert Nathaniel	Aug. 28, 1887	Sept. 18, 1896	8.04	8.49
Ditzler, Clarence Ellwood	July 11, 1887	May 31, 1895	6.99	5.81
Doberstein, Felix William	July 25, 1888	June 1, 1898	7.36	7.79
Doberstein, Frank Joseph	May 2, 1890	June 1, 1898	8.58	8.93
Donaghy, Wm. Alexander	Jan. 30, 1889	Sept. 6, 1897	7.38	7.84
Donnelly, James	June 10, 1889	May 29, 1896	6.55	8.89
Doogan, Thomas Patrick	July 3, 1886	May 29, 1896	7.15	8.83

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Doster, August Frederick	Sept. 12, 1887	Dec. 28, 1894	6.78	7.47
Dowd, Thomas Vincent	Feb. 8, 1888	Jan. 17, 1896	6.74	8.31
Dowdell, Samuel Gilbert	Jan. 16, 1887	Dec. 30, 1896	7.64	7.54
Downing, Harvey Apple	June 24, 1887	Sept. 18, 1896	6.72	9.35
Drelich, Samuel	Sept. 20, 1888	Jan. 14, 1896	7.99	8.27
Dubree, John Bisbing	Aug. 8, 1888	Dec. 31, 1897	8.21	8.56
Dullenkopf, Alfred Charles	Sept. 28, 1888	Dec. 30, 1896	7.45	8.91
Dunstan, George Ernest	July 22, 1888	June 1, 1898	7.84	8.96
Dutton, George Franklin	July 4, 1887	Oct. 22, 1894	8.47	4.88
Eachus, Homer	July 20, 1890	June 1, 1898	8.05	8.44
Earnest, Geo. Edw. Graffy	Jan. 22, 1889	Sept. 6, 1897	7.93	8.43
Eckert, Anton	Oct. 26, 1887	Dec. 31, 1895	6.48	9.27
Edwards, George Alfred	Aug. 12, 1887	Sept. 21, 1894	6.92	9.42
Eigner, Elwood	Dec. 4, 1885	May 31, 1894	6.53	8.85
Eisenhardt, Frederick	Oct. 14, 1888	May 29, 1896	5.58	7.31
Ellis, George Charles	May 15, 1887	Dec. 30, 1896	8.40	5.90
Ellis, Harry Arbor	May 2, 1889	Dec. 31, 1897	7.60	8.29
Ellis, Samuel	Dec. 12, 1888	June 1, 1898	8.41	9.53
Enoch, Elmer Edward	Oct. 27, 1888	Dec. 31, 1897	7.43	7.64
Ewing, Leroy Sinclair	Nov. 18, 1889	June 1, 1898	8.00	9.14
Faddis, James Morris	Jan. 18, 1888	Sept. 7, 1897	7.73	8.93
Fagan, Lear	May 18, 1886	March 27, 1894	5.41	6.77
Ferris, Joseph	July 6, 1888	Jan. 17, 1896	7.87	8.81
Fetterolf, Ralph	Oct. 31, 1887	May 31, 1895	7.91	7.05
Findeisen, Philip Frederick	Dec. 12, 1887	Sept. 6, 1897	6.36	6.63
Fisher, Chester Oscar	July 5, 1888	June 1, 1898	8.95	9.31
Fitting, William Harrison	Dec. 12, 1887	May 31, 1895	6.71	9.34
Foley, Albert Edward	Aug. 27, 1889	Dec. 30, 1898	7.55	8.83
Foley, Thomas John	Aug. 27, 1889	Dec. 30, 1898	7.30	8.49
Foltz, Chester Abraham	Feb. 20, 1887	May 31, 1894	7.57	8.37
Ford, William	Oct. 21, 1887	Sept. 6, 1897	7.89	6.13
Frank, Harry Franklin	Sept. 18, 1887	Sept. 6, 1897	7.92	9.56
Fraser, Frank Edward	Nov. 3, 1887	Sept. 7, 1897	7.84	6.73
Fredericks, Harry C. Ernest	Oct. 13, 1889	Dec. 31, 1897	7.26	8.11
Free, Frank Harrison	Aug. 7, 1888	Dec. 31, 1897	6.65	8.59
Frey, Edward Samuel	May 1, 1888	Sept. 7, 1897	8.48	7.69
Frey, Robert Uhler	May 28, 1890	June 1, 1898	8.19	8.56
Friedrichs, William Julius	July 23, 1886	May 31, 1895	7.16	8.95
Fritz, Joseph Max	Oct. 16, 1888	Dec. 30, 1896	6.89	7.64
Gallagher, Wm. Henry	Oct. 28, 1887	Dec. 28, 1894	7.12	8.15
Garvin, Alfred Moncrieff	April 14, 1887	Jan. 4, 1895	7.74	5.28
Geikler, Amos Kane	Sept. 14, 1888	May 29, 1896	7.82	7.45
Godfrey, Herbert White	Oct. 10, 1887	May 31, 1895	7.42	7.60
Goodman, Abraham Hermann	Oct. 16, 1888	April 28, 1898	7.69	7.54
Goodrich, Charles Richard	May 3, 1887	Sept. 27, 1895	7.38	6.71
Goodwin, Charles Fremont	Jan. 25, 1889	Dec. 30, 1896	7.62	9.30
Goucher, Howard Note	July 4, 1888	May 29, 1896	6.76	9.63
Goudge, John Charles	June 30, 1888	Sept. 7, 1897	7.92	8.96
Graham, Vincent McKim	Feb. 13, 1890	June 1, 1898	7.35	9.80
Green, John William	Sept. 20, 1888	Dec. 31, 1897	7.01	8.84
Gresens, William Herman	Oct. 21, 1888	Jan. 13, 1897	8.10	8.62
Griffith, Benjamin Franklin	June 26, 1886	May 31, 1895	6.78	8.04
Groome, Martin Joseph	March 14, 1889	Sept. 30, 1898	8.69	9.68
Grosser, Conrad Jacob Aug.	June 6, 1888	Sept. 7, 1897	8.76	9.48



## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Grove, Franklin R. Gerhard	Nov. 7, 1889	June 1, 1898	8.00	8.99
Gysen, John Henry	Aug. 20, 1887	May 29, 1896	7.48	8.24
<b>Haenger, William Davis</b>	March 16, 1889	June 1, 1898	7.19	8.48
Hahn, Frank	Aug. 19, 1887	Dec. 30, 1896	8.68	9.17
Hahn, Louis	Feb. 13, 1888	Sept. 6, 1897	7.75	9.16
Hahn, Raymond	Jan. 7, 1889	Dec. 30, 1896	7.38	8.26
Hahn, Simon Earl	July 12, 1890	June 1, 1898	8.32	9.06
Haldeman, Edward	March 1, 1888	Sept. 20, 1895	8.26	7.79
Hall, John Clarence	Oct. 20, 1887	May 29, 1896	6.95	7.77
Hamilton, Andrew Sidney	Jan. 5, 1890	Dec. 31, 1897	7.01	8.01
Happ, John Hamilton	June 23, 1886	March 27, 1894	6.71	7.64
Harding, Willis Wayne	Aug. 12, 1888	June 1, 1898	7.21	9.24
Heinz, Albert	Dec. 16, 1888	Dec. 30, 1896	8.64	7.92
Henning, Raymond	Jan. 1, 1889	Sept. 6, 1897	8.43	8.52
Henry, Franklin Claude	May 29, 1888	Dec. 31, 1896	7.30	8.66
Herr, Milton Young	June 17, 1888	June 17, 1896	7.40	8.09
Herrmann, Daniel Whitby	March 29, 1888	May 31, 1895	8.00	5.98
Hess, Frank Minnich	Oct. 7, 1886	May 29, 1896	7.72	6.92
Hicks, Edward Stuart	June 2, 1888	Dec. 31, 1895	8.09	7.34
Hicks, Harry	Jan. 3, 1888	Sept. 20, 1895	6.82	6.78
Hill, Clarence	Aug. 5, 1886	May 31, 1894	7.77	6.78
Hill, Warren	June 2, 1888	Dec. 31, 1895	6.48	9.10
Hill, William Wesley	Jan. 20, 1883	Jan. 10, 1896	7.41	9.66
Hodgkiss, William Harrison	Aug. 26, 1888	May 29, 1896	7.29	9.00
Hoeffcker, Charles Rowland	May 2, 1887	May 31, 1895	7.65	7.65
Hoffman, John Sigmond	July 22, 1888	May 29, 1896	7.34	6.76
Hoffman, John Wilson	April 26, 1889	June 1, 1898	8.46	7.78
Holmes, Samuel	Nov. 21, 1889	Dec. 31, 1897	8.22	8.00
Hongler, Walter William	Sept. 1, 1888	June 1, 1898	7.56	8.28
Hontz, Josiah Ira	March 2, 1887	Sept. 28, 1894	7.69	6.84
Horre, Rudolph Hugo	March 8, 1888	Dec. 31, 1895	8.37	9.04
Howard, Allan Aloysia	Sept. 8, 1888	June 23, 1898	8.37	9.31
Howard, Lamertine Smith	March 13, 1887	Dec. 30, 1896	7.08	8.40
Hudson, Francis Wright	March 18, 1889	Sept. 6, 1897	8.63	7.34
Hume, David Orris	Sept. 24, 1887	Dec. 28, 1894	7.52	6.48
Hunter, Edward Lorimer	Nov. 7, 1887	Dec. 31, 1895	6.76	9.23
Hunter, Franklin Quinton	June 23, 1888	Dec. 31, 1895	6.33	6.57
<b>Irvin, William George</b>	Oct. 3, 1888	Dec. 31, 1897	8.46	9.06
Ivory, Harrison Clay	July 27, 1888	May 29, 1896	8.48	8.66
<b>Jacobs, George Henry</b>	April 24, 1888	May 29, 1896	8.89	8.94
Jacobs, Walter Roy	Sept. 10, 1887	Sept. 7, 1897	8.00	8.75
Jacoby, Raymond Weiss	July 10, 1889	Dec. 31, 1897	8.64	9.49
James, Horace Smith	Nov. 22, 1888	Dec. 31, 1895	6.48	6.49
Jester, Albert Henry	Aug. 25, 1888	Jan. 14, 1898	7.68	8.92
Jewells, Le Roy	Dec. 2, 1888	Sept. 7, 1897	7.63	8.46
Johnson, Edwin T. N.	Oct. 9, 1887	May 31, 1895	7.01	9.16
Johnson, Francis Trout	Feb. 29, 1883	May 29, 1896	7.02	8.21
Jones, William John	April 1, 1885	Dec. 30, 1892	5.60	7.37
Joyce, Samuel Joseph	March 27, 1886	May 31, 1895	7.56	7.04
<b>Kelm, Franklin Le Roy</b>	May 26, 1889	June 1, 1898	8.41	9.72
Kelly, Edward William	Jan. 18, 1890	Dec. 30, 1898	9.33	9.59
Kelly, Robert Creighton	Sept. 26, 1888	Oct. 11, 1894	7.82	6.60
Kennedy, John Alexander	Aug. 14, 1889	Dec. 30, 1898	8.81	9.59
Kenvin, Griffith	Aug. 10, 1886	Jan. 4, 1895	8.20	9.68

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Kenworthy, Thomas Benj.	Nov. 22, 1890	Sept. 30, 1898	8.94	8.14
Kern, Frederick Elmer	Dec. 29, 1888	Dec. 30, 1896	6.24	6.42
Kienzle, Robert Samuel	June 12, 1887	Dec. 30, 1896	7.44	9.78
Kimes, John Warren	March 22, 1888	May 31, 1895	5.79	7.20
King, John	Oct. 1, 1887	Dec. 30, 1896	6.94	9.40
Kingston, William Paul	Oct. 21, 1888	Dec. 30, 1896	7.25	6.86
Kirschbaum, Albert Adolf	June 12, 1888	Dec. 31, 1895	6.92	7.18
Kitselman, John C. F.	March 8, 1889	June 1, 1898	8.61	8.84
Kittel, Frederick	Jan. 21, 1887	May 29, 1896	6.94	7.72
Kleinhenn, Raymond	March 8, 1889	Dec. 31, 1897	7.15	9.69
Kling, David Kinzer	Nov. 16, 1889	Jan. 27, 1899	8.37	9.64
Kloes, Harry Benjamin	Jan. 9, 1887	May 31, 1894	5.85	3.85
Kolb, Clifford Elmer	April 9, 1889	Sept. 7, 1897	8.08	9.75
Kraus, John Joseph	June 4, 1885	Dec. 29, 1893	5.70	8.13
Krauss, Walter Raymond	April 5, 1889	Sept. 20, 1895	7.46	6.19
Kreitzer, William Clausen	Sept. 16, 1888	Jan. 6, 1898	8.68	9.05
Krider, David Augustus	Sept. 6, 1885	Sept. 21, 1894	7.34	8.83
<b>Lamprecht, Joseph E.</b>	July 12, 1890	Oct. 18, 1898	8.43	7.64
Larkin, Vernon Carlyle	Sept. 20, 1888	Jan. 19, 1898	7.37	7.36
Larkin, Wilfred Carlisle	Oct. 8, 1886	April 27, 1894	7.35	6.73
Laros, Paul Elwood	Feb. 1, 1889	June 1, 1898	8.76	9.09
Latham, Emil Irving	Oct. 28, 1888	Sept. 7, 1897	8.24	8.27
Lawrence, William Hoffman	Oct. 28, 1885	Sept. 21, 1894	6.83	6.41
Lear, Samuel Maitland	Oct. 5, 1889	June 1, 1898	8.35	9.40
Lees, Robert	Feb. 20, 1888	May 31, 1895	8.24	7.17
Leibgries, David	March 22, 1889	Sept. 6, 1897	7.36	8.51
Levering, John Lettenmeier	April 28, 1887	May 31, 1894	7.46	6.30
Levitt, George Anderson	Sept. 15, 1888	Dec. 30, 1896	7.64	8.39
Levy, Morton Jacob	April 21, 1889	Sept. 6, 1897	8.84	8.93
Lewis, Albert Morris	Nov. 22, 1887	Dec. 31, 1895	7.54	5.52
Lewis, Dora	Sept. 15, 1888	Sept. 18, 1896	7.56	9.09
Lewis, William	Sept. 15, 1886	Dec. 28, 1894	5.16	8.62
Lingman, Henry	Dec. 9, 1887	May 29, 1896	7.50	7.07
Lloyd, James Kerr	Aug. 10, 1888	June 1, 1898	7.22	7.86
Loges, Edwin Theodore	Sept. 23, 1886	Sept. 20, 1895	7.33	8.26
Luffberry, Joseph Collins	June 4, 1887	Sept. 21, 1894	6.71	6.83
Lyshon, William Jones	Dec. 30, 1887	June 1, 1896	6.81	9.57
<b>McCann, Francis</b>	Feb. 3, 1890	May 5, 1898	7.29	8.96
McCann, Joseph Thomas	March 13, 1887	Jan. 17, 1896	6.70	9.04
McClain, Thomas Wiggins	April 19, 1889	June 1, 1898	6.74	9.14
McCloy, Hugh	Feb. 10, 1888	May 31, 1895	6.70	5.60
McConaghy, Ellis Norvin	March 18, 1889	Jan. 19, 1898	8.21	9.22
McConnell, George Horn	Sept. 7, 1890	Sept. 18, 1896	7.92	9.11
McFetridge, Lloyd Wiegand	June 30, 1889	Sept. 25, 1895	6.69	8.53
McMonigle, James	Nov. 12, 1889	Sept. 6, 1897	8.56	8.88
McMonigle, Samuel	June 2, 1887	May 29, 1896	6.93	8.24
McVaugh, William Norman	Nov. 30, 1886	Dec. 28, 1894	7.30	9.04
Magee, William Harrison	Oct. 28, 1888	Dec. 30, 1896	7.84	8.48
Maguire, Walter	June 30, 1889	Sept. 6, 1897	7.26	8.21
Mahoney, William Joseph	March 19, 1888	April 27, 1894	8.74	7.86
Manlove, Earl Griffith	Jan. 16, 1887	Dec. 30, 1896	6.76	7.21
Mareen, Frederick	Dec. 8, 1884	May 31, 1892	6.50	8.36
Margerum, Robert Lehmann	Jan. 31, 1889	Dec. 30, 1898	8.84	9.42
Marlin, Norman Howard	Nov. 1, 1888	June 17, 1896	7.33	8.11

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Marshall, William Stirk	Jan. 29, 1888	Dec. 30, 1896	6.33	9.18
Martin, Leon George	Feb. 2, 1887	May 29, 1896	5.69	7.68
Mauger, Charles Frank	July 3, 1889	Sept. 7, 1897	7.63	9.04
Meadowcroft, John	July 24, 1889	Sept. 7, 1897	6.56	6.57
Meadowcroft, William John	Sept. 16, 1885	Feb. 5, 1895	7.63	8.22
Mecredy, Robert Charles	Feb. 12, 1887	Dec. 29, 1893	5.73	5.30
Menhennett, Leon William	Oct. 18, 1887	May 31, 1895	6.97	7.31
Merrifield, Lewis Biehl	June 2, 1888	June 1, 1898	8.30	6.37
Metz, Arthur Lincoln	Aug. 7, 1886	April 27, 1894	6.21	8.05
Miller, John Warren	July 10, 1886	May 29, 1896	7.24	9.26
Miller, Paul	May 1, 1888	Sept. 20, 1895	8.97	8.46
Miller, Robert Franklin	Aug. 7, 1887	May 29, 1896	8.16	9.67
Miner, Nicholas James	Aug. 19, 1888	Sept. 7, 1897	6.89	4.62
Mitchell, Alfred Thomas	Jan. 16, 1890	Dec. 30, 1898	8.05	7.97
Moore, Charles	Feb. 6, 1886	Dec. 31, 1895	6.50	8.60
Moore, Emmett	Oct. 13, 1887	Dec. 30, 1896	7.80	4.96
Moore, George David	Jan. 14, 1888	May 31, 1895	6.79	7.01
Morley, Edwin Clark	March 31, 1887	Sept. 21, 1894	6.66	9.24
Morley, Harrison Morton	Sept. 18, 1888	Sept. 18, 1896	5.86	8.92
Moyer, Abraham Rase	May 16, 1887	May 29, 1896	6.97	6.10
Mundorf, William R.	Sept. 25, 1889	Dec. 31, 1897	8.84	9.20
Munter, Louis	March 18, 1888	June 24, 1895	8.13	7.95
Murry, Robert	Dec. 15, 1884	March 27, 1894	7.07	7.36
Muth, Charles	March 12, 1889	Sept. 6, 1897	9.01	9.90
Myers, Edgar Fickus	Feb. 18, 1889	Sept. 7, 1897	7.51	8.01
Myers, John Allison	Sept. 10, 1887	May 29, 1896	8.11	7.43
<b>Nattress, Milton Gordon</b>	April 2, 1887	Sept. 21, 1894	7.79	8.73
Naylor, Henry Collar	Jan. 21, 1889	Dec. 30, 1896	6.76	8.88
Neal, Roland	Nov. 26, 1884	June 11, 1894	7.78	8.72
Nealy, Louis Alfred DeMayo	May 31, 1890	June 1, 1898	8.05	9.61
Neely, Alexander	July 6, 1887	Sept. 21, 1894	6.12	6.39
Neitzel, Charles	Sept. 11, 1887	Sept. 18, 1896	7.74	7.12
Newcomb, Clarence Berthaud	Jan. 23, 1889	Sept. 7, 1897	7.82	9.87
Nice, Richard	May 11, 1888	Sept. 6, 1897	7.23	8.36
Nicholls, Walter	March 25, 1888	Dec. 31, 1897	9.07	8.42
Nichols, George Washington	Feb. 22, 1887	Dec. 30, 1896	7.20	6.92
Nittinger, Edgar	Jan. 30, 1889	Sept. 6, 1897	7.74	6.41
Noll, John Raymond	Feb. 1, 1888	Dec. 31, 1897	7.35	9.53
Nordland, Edwin James	Jan. 25, 1889	Sept. 7, 1897	8.36	9.66
Notestine, George Murray	Oct. 14, 1889	June 1, 1898	8.76	9.10
Nowatny, Adolph Lubert	Aug. 16, 1887	Aug. 13, 1897	8.28	8.76
<b>Oberholtzer, Oliver</b>	Dec. 15, 1884	April 27, 1894	5.90	7.60
O'Horo, Russel M.	Oct. 17, 1888	Jan. 20, 1898	7.88	8.53
Oliver, Alfred	Oct. 12, 1886	April 27, 1894	7.33	8.16
Orr, Alfred Joseph	March 21, 1888	Dec. 30, 1896	7.92	8.57
Osborn, Gillis Reed	Jan. 17, 1886	Dec. 31, 1895	7.62	7.98
Osborn, Samuel	May 12, 1888	Dec. 31, 1895	6.83	8.56
Owen, Evan S.	March 30, 1885	Dec. 30, 1892	5.84	6.95
Owens, Harry Thomas	March 11, 1888	Jan. 14, 1896	6.86	9.16
<b>Palmer, John Ftrace</b>	Feb. 5, 1889	Dec. 30, 1898	8.59	9.17
Palm, Harry Charles	Oct. 8, 1886	May 31, 1894	6.60	5.44
Parchem, William	Dec. 5, 1886	April 27, 1894	6.70	6.34
Park, John Alfred	Oct. 27, 1887	May 31, 1895	7.21	7.81
Parkinson, John Graham	Oct. 4, 1886	April 27, 1894	6.60	5.95

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 151

SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Patterson, Harold Lindsay	July 16, 1889	Dec. 30, 1898	8.95	8.86
Pattison, Joseph Robert	Jan. 4, 1888	May 29, 1896	7.09	7.53
Peck, Charles Durland	Feb. 6, 1885	Dec. 28, 1894	7.26	8.62
Peck, William M.	April 5, 1885	June 13, 1893	6.23	3.31
Person, William Sassman	Jan. 14, 1889	June 8, 1898	7.72	7.93
Peters, Edward	May 22, 1887	May 31, 1894	7.04	9.36
Philips, George Samuel	July 4, 1886	June 4, 1896	6.89	7.48
Philips, Thomas Roland	Sept. 15, 1889	Dec. 31, 1897	8.96	8.52
Phillippi, Arthur Karl	Nov. 5, 1888	Sept. 30, 1898	8.21	9.59
Phillips, Thomas	Oct. 4, 1887	Sept. 18, 1896	8.49	6.52
Piffer, Wallace Wade	Feb. 23, 1886	May 31, 1894	6.89	9.08
Piggott, Alvert Thomas	July 18, 1888	Jan. 19, 1898	8.35	9.12
Pilling, William	July 14, 1886	April 27, 1894	6.90	8.03
Pomerantz, Harry	June 29, 1889	June 12, 1896	7.07	8.38
Poorman, Albert Lee	May 26, 1887	Dec. 30, 1896	6.98	8.83
Poorman, Clyde Augustus	Dec. 13, 1888	Dec. 30, 1896	7.35	7.29
Porter, George Stilwell	Feb. 13, 1886	May 31, 1892	6.38	8.12
Powell, John Henry	May 14, 1889	Dec. 31, 1897	7.51	9.60
Preisig, Charles Adolph	June 21, 1887	June 16, 1897	8.17	8.46
Pringle, Oscar Lee	July 30, 1887	Sept. 21, 1894	6.78	7.23
Pugh, Grover Cleveland	Feb. 12, 1885	June 1, 1893	6.79	8.14
Quigley, George W.	Aug. 9, 1887	Nov. 5, 1894	7.22	7.60
Rahner, Louis Henry	Sept. 7, 1887	Sept. 6, 1897	7.10	6.87
Raisner, Herman Kurtz	July 31, 1889	Dec. 31, 1897	7.36	9.47
Ralle, Charles	March 8, 1887	May 31, 1893	6.11	7.73
Ramer, Harvey	Dec. 26, 1887	May 31, 1895	5.61	8.66
Ramer, Herbert	Dec. 26, 1887	May 31, 1895	6.36	8.12
Rauchenberger, John A.	April 28, 1885	April 4, 1894	5.32	7.74
Rawnsley, Herbert	June 28, 1889	June 17, 1898	8.55	7.97
Rebmann, Godfried	Dec. 5, 1887	Sept. 6, 1897	6.65	6.65
Rees, Clarence Ellwood	Aug. 26, 1888	May 29, 1896	7.37	9.50
Rees, George Garfield	Jan. 13, 1889	June 1, 1898	9.08	8.89
Reid, William George	Sept. 6, 1889	May 31, 1899	. . .	. . .
Richards, Henry	Aug. 26, 1886	May 29, 1896	8.01	9.36
Richardson, George Webb	Aug. 11, 1888	Dec. 30, 1896	7.80	7.02
Richelson, Paul Gottlob	Dec. 4, 1887	Jan. 11, 1897	6.83	7.80
Rickard, William Raymond	Oct. 7, 1889	Dec. 31, 1897	7.77	9.19
Ringler, William Frederick	March 8, 1889	Nov. 14, 1898	9.07	9.02
Roberts, Benjamin	March 16, 1886	May 31, 1894	7.70	6.82
Robertson, Andrew T.	July 10, 1888	June 1, 1898	7.84	7.40
Robertson, William	Oct. 12, 1888	May 29, 1896	6.53	8.20
Robinson, Frederick A.	June 19, 1887	Sept. 18, 1896	7.63	6.70
Robinson, John Dolman	Nov. 26, 1887	May 31, 1895	6.38	9.46
Rogers, John Carl	March 1, 1889	Dec. 30, 1898	8.31	8.82
Rohlfing, Henry Lewis	Nov. 26, 1887	Dec. 28, 1894	7.75	4.15
Rolling, Charles William	Jan. 25, 1889	Dec. 30, 1896	6.80	7.99
Rosewarne, Norman	April 22, 1889	Sept. 7, 1897	6.75	9.06
Royal, William Sylvia	Aug. 24, 1889	Dec. 31, 1897	8.15	6.16
Russell, John Elliott	July 18, 1886	May 31, 1894	7.06	8.89
Sanborn, John	Nov. 12, 1888	Sept. 6, 1897	8.22	8.00
Sands, John Cleveland	June 7, 1887	Sept. 20, 1895	6.33	6.31
Sarwick, George Francis	Jan. 9, 1888	Dec. 30, 1896	7.40	8.99
Sattler, William Charles	Jan. 4, 1886	March 27, 1894	6.94	7.63
Schaffer, Lester	Aug. 4, 1888	June 22, 1898	7.24	8.10

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Schairer, Ludwig Henry	April 27, 1889	Sept. 7, 1897	7.81	8.86
Scheese, Walter A.	Dec. 9, 1886	Dec. 31, 1895	7.72	8.62
Schick, Charles	Dec. 14, 1886	May 29, 1896	7.53	9.37
Schoellkopf, Howard	Dec. 18, 1887	June 17, 1896	6.50	8.22
Scott, Harry	March 22, 1889	Dec. 30, 1896	7.54	8.39
Sechrist, Harry Roy	July 30, 1886	April 27, 1894	5.86	4.35
Sechrist, Raymond	July 29, 1888	Sept. 18, 1896	7.95	6.66
Seipel, Charles Favinger	May 24, 1887	Nov. 1, 1894	7.71	7.57
Sellers, William Wallace	July 2, 1889	Sept. 6, 1897	7.22	9.36
Sergeant, Robert Gilmore	Dec. 8, 1888	Sept. 28, 1896	7.06	8.98
Seward, George Washington	March 31, 1888	Jan. 11, 1898	6.87	9.32
Shallcross, Dewees Haines	Jan. 3, 1889	Jan. 20, 1898	7.42	8.39
Shannon, David Johnson	March 23, 1890	Dec. 31, 1897	7.68	9.27
Shaw, Clarence William	Dec. 24, 1886	Sept. 20, 1895	7.12	8.14
Shaw, William Jacoby	Sept. 12, 1890	June 1, 1898	8.80	8.47
Shaw, William John	April 16, 1889	Sept. 7, 1897	6.96	9.37
Sheetz, John Williar	Oct. 29, 1888	Sept. 30, 1898	9.01	8.06
Shelley, Joseph Josiah	Sept. 30, 1887	Dec. 30, 1896	7.63	8.99
Shepherd, Norwood	Oct. 9, 1886	April 27, 1894	7.19	8.44
Shields, John	July 3, 1888	Sept. 28, 1896	6.98	6.41
Shives, William James	May 3, 1888	May 29, 1896	7.54	7.83
Shupp, David Antrim	Aug. 18, 1888	Dec. 31, 1897	8.21	7.83
Sigel, Charles	March 29, 1889	Sept. 6, 1897	7.15	9.06
Silladay, Samuel Snell	Oct. 29, 1886	June 24, 1895	6.68	7.54
Simcox, Robert	July 8, 1889	Dec. 31, 1895	8.01	7.83
Simms, William Henry	Dec. 13, 1886	Dec. 29, 1893	6.79	6.57
Singer, Charles Wm. F.	April 16, 1889	Sept. 6, 1897	7.42	9.24
Sisco, Charles Wilmer	Oct. 4, 1887	Dec. 29, 1893	6.71	6.97
Sloyer, Daniel Irvin	March 4, 1887	Sept. 18, 1896	8.32	8.93
Smith, Charles Risdon	Sept. 11, 1887	Sept. 6, 1897	7.27	7.54
Smith, Earl Emmett	Aug. 10, 1889	Jan. 20, 1898	7.01	8.80
Smith, Phalanda Sutcliffe	Oct. 9, 1888	Sept. 18, 1896	7.65	9.56
Smith, Ronald Reid	July 1, 1888	Sept. 6, 1897	7.85	7.16
Smith, Ross Hammond	Feb. 4, 1886	May 31, 1894	6.96	7.32
Smith, William	Jan. 14, 1888	May 31, 1895	4.19	7.97
Snappe, Ormonde Barnes	Feb. 27, 1889	June 24, 1898	8.50	8.79
Snyder, Charles Michael	May 1, 1888	Sept. 20, 1895	6.38	7.76
Snyder, Francis Lewis	Jan. 21, 1889	June 1, 1898	7.62	9.67
Snyder, James Howard	Jan. 17, 1887	Sept. 27, 1894	7.59	8.34
Sowers, William	April 20, 1889	Dec. 31, 1897	7.01	8.08
Spahr, Elmer Joseph	Oct. 20, 1886	May 29, 1896	6.25	8.97
Sprowles, George Ebert	Dec. 21, 1886	Dec. 28, 1894	7.08	8.10
Starr, John Hiram	Aug. 26, 1889	Sept. 7, 1897	6.08	8.90
Starr, Joseph Walsh	Feb. 28, 1888	Sept. 6, 1897	8.66	8.93
Steinberger, John Valentine	Feb. 14, 1890	Dec. 31, 1897	8.33	8.33
Steltz, Isaac Augustus	Oct. 13, 1885	June 1, 1893	8.11	8.87
Stoffet, Elmer Jacob	Nov. 18, 1887	Jan. 7, 1896	8.57	7.92
Stouffer, Willard Leroy	June 22, 1888	Dec. 30, 1896	6.58	7.50
Straub, Henry	Feb. 13, 1887	Feb. 3, 1897	5.62	8.29
Stuart, George Wallace	Oct. 26, 1889	Dec. 30, 1898	8.48	9.72
Styers, James William	Nov. 22, 1885	May 31, 1895	5.68	8.46
Sullivan, John Dennis	Feb. 22, 1886	Dec. 30, 1892	7.38	5.64
Swenk, Ralph	Sept. 5, 1887	Sept. 20, 1895	6.94	8.64
Taggart, Wm. B. H.	Dec. 10, 1887	May 31, 1895	7.50	8.78

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 153

SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Taylor, Theodore Harris	Nov. 8, 1888	June 15, 1896	7.96	6.15
Taylor, Thomas	Aug. 8, 1886	April 27, 1894	6.85	6.68
Teets, John Alfred	Aug. 17, 1888	Jan. 11, 1898	9.19	9.41
Terry, Walter Herbert	May 7, 1888	Dec. 31, 1895	7.89	8.95
Thompson, Adam Norback	Sept. 2, 1887	Dec. 28, 1894	7.35	6.88
Thompson, Gerald	April 7, 1889	Sept. 16, 1897	6.36	8.56
Thornton, James	Jan. 28, 1887	May 31, 1895	7.98	6.12
Tillotson, Frank	Sept. 23, 1887	Jan. 7, 1896	6.11	8.29
Todd, Charles Eugene	Oct. 15, 1887	May 29, 1896	7.94	9.10
Townsend, John Elwood	June 4, 1885	April 27, 1894	6.67	3.24
Trankle, Frederick William	Aug. 25, 1887	June 15, 1896	6.53	8.09
Truempy, John Daniel	Oct. 20, 1887	May 31, 1895	7.63	9.20
Trumbauer, Oswin	May 13, 1888	May 29, 1896	7.47	7.92
Turner, James Windolph	April 15, 1888	Sept. 6, 1897	7.99	8.84
Umholts, Chas. Morgan	Aug. 11, 1889	Jan. 6, 1898	8.47	9.77
Vanderhylen, Gus. C.	Sept. 5, 1888	Sept. 6, 1897	8.36	8.87
Verity, Harold Riggall	Feb. 10, 1889	Dec. 30, 1896	7.58	4.49
Varshofsky, Joseph	Aug. 18, 1888	Dec. 31, 1895	6.73	8.58
Wagner, Robert James	April 20, 1891	Sept. 6, 1897	8.48	8.96
Walgran, Charles Oscar	Oct. 10, 1888	June 1, 1898	8.79	8.41
Weber, Oliver Mantz	Dec. 2, 1888	Dec. 30, 1896	7.62	8.82
Weir, Clarence Henry	Sept. 4, 1887	Sept. 1, 1897	7.09	9.25
Weiss, Benjamin Harrison	June 17, 1888	Sept. 7, 1897	7.91	7.54
Wells, Charles Albert	Aug. 1, 1887	July 27, 1897	8.04	9.71
Wenner, Harry Aaron	Feb. 25, 1886	April 27, 1894	5.30	7.65
Wenrick, Edward Rankin	Dec. 17, 1888	June 1, 1898	8.80	8.71
Wentz, Roy Hiram	Dec. 3, 1888	Sept. 18, 1896	7.65	7.94
Wertz, Burt Gerald	March 19, 1887	Sept. 18, 1896	7.90	7.97
Westcott, Albert Taxis	May 1, 1885	Dec. 28, 1894	6.61	7.01
Wettergreen, Blake John	June 9, 1888	Sept. 7, 1897	6.91	8.03
Weyman, William	Dec. 23, 1885	April 27, 1894	6.69	6.41
White, Howard Thomas	Aug. 31, 1886	Jan. 25, 1895	6.31	7.00
Whiteley, George W. W.	March 21, 1886	Jan. 17, 1896	7.83	6.40
Whiteley, James Herbert	March 25, 1889	Sept. 6, 1897	7.07	4.31
Wilford, Harry William	April 29, 1886	Jan. 14, 1896	7.06	9.42
Williams, Charles	June 2, 1889	June 1, 1898	8.27	8.33
Williams, Maurice	Dec. 16, 1889	Dec. 30, 1898	8.60	9.40
Williams, William	March 29, 1889	Sept. 6, 1897	7.58	9.09
Wilmer, William Fulmer	Oct. 9, 1888	Sept. 18, 1896	7.54	7.08
Wilson, Horace Warren	Jan. 31, 1890	Dec. 31, 1897	8.24	9.53
Wilson, Ralph Ashton	July 2, 1887	Sept. 21, 1894	6.68	5.70
Wirth, Charles	March 22, 1886	Jan. 16, 1894	7.59	8.15
Witherington, John Henry	Aug. 24, 1888	May 29, 1896	5.99	8.35
Woerner, Ludwig	Nov. 7, 1885	Dec. 28, 1894	6.85	6.49
Wood, Lawrence Vitty	July 10, 1888	June 17, 1898	8.00	7.63
Woodside, Frank Stanley	Nov. 1, 1889	June 1, 1898	8.76	9.34
Wootten, John Mansfield	May 23, 1887	May 31, 1895	7.72	6.76
Wright, Granville Randolph	Nov. 21, 1889	June 1, 1898	8.22	8.38
Wunderlich, Chas. Franklin	Dec. 1, 1889	Dec. 31, 1897	8.79	8.55
Wunderlich, Robert Orlando	Dec. 21, 1887	May 31, 1895	5.60	7.69
Wyde, William	June 1, 1888	Sept. 20, 1895	7.71	7.45
Young, John Alex.	Nov. 8, 1887	Dec. 28, 1894	6.92	6.87
Zeller, Jay Hay Brown	April 29, 1888	Sept. 6, 1897	7.40	7.27
Zeiders, Franklin Morrison	Jan. 9, 1886	Sept. 21, 1894	6.80	6.89

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Adams, Abraham	July 24, 1890	Sept. 26, 1899	..	..
Allendorf, John Peter	Sept. 8, 1890	Sept. 26, 1899	..	..
Amole, Allen	Aug. 10, 1890	May 31, 1899	..	..
Anderson, Francis Earl	Sept. 5, 1887	May 31, 1895	5.85	6.19
Anderson, George David	Jan. 9, 1890	June 1, 1898	6.98	9.05
Arnold, George Henry	Jan. 3, 1891	Dec. 30, 1898	2.38	7.71
Auner, Ed. Cadwallader	March 10, 1890	Sept. 6, 1897	8.03	9.02
Bagnell, James	June 5, 1889	June 1, 1898	7.84	8.08
Ball, Stanley	Aug. 14, 1890	Dec. 30, 1898	6.16	9.05
Barford, Harry	Sept. 27, 1890	Sept. 30, 1898	8.15	9.63
Barkoff, John May	July 18, 1890	Dec. 30, 1898	7.75	8.71
Barlow, George W. W.	Feb. 17, 1892	Dec. 29, 1899	..	..
Basenfelder, Charles A. L.	Nov. 29, 1892	May 31, 1899	..	..
Bassinger, Christian	Oct. 13, 1891	Sept. 26, 1899	..	..
Beals, Frank Heverly	Nov. 20, 1889	Dec. 31, 1897	8.76	9.55
Beatty, William	March 13, 1893	May 31, 1899	..	..
Beck, Solomon	Oct. 15, 1891	Sept. 26, 1899	..	..
Becker, Clarence Sydney	July 25, 1888	June 1, 1898	6.80	7.66
Becker, Joseph	Jan. 14, 1892	Sept. 26, 1899	..	..
Bement, Amos Curtis	Dec. 13, 1891	Dec. 31, 1897	7.87	9.66
Benditt, Ludwig	Dec. 17, 1890	June 16, 1899	..	..
Bennett, John Robert	June 23, 1890	Dec. 30, 1898	7.34	9.21
Bernius, Henry George	March 9, 1889	Dec. 30, 1896	6.50	8.57
Binder, Ray Vincent	April 14, 1890	Dec. 30, 1898	9.01	9.01
Bitner, Clair Irwin	Oct. 24, 1889	May 31, 1899	..	..
Blakely, John Ellis	April 22, 1891	Dec. 30, 1898	7.87	8.96
Bleuit, George Washington	Aug. 20, 1888	May 29, 1896	7.13	5.06
Blumrick, Geo. W. M.	March 5, 1890	Dec. 30, 1898	9.41	9.89
Bolz, John	June 4, 1891	May 31, 1899	..	..
Boulay, Adolph Henry	July 9, 1890	June 1, 1898	6.56	8.66
Bowen, James Joseph	May 10, 1889	June 1, 1898	8.74	9.39
Eowen, John Stuart	May 26, 1890	June 1, 1898	9.11	8.85
Bowman, Earl	Feb. 11, 1890	Dec. 30, 1898	9.32	9.04
Boyd, William Gordon	Feb. 10, 1890	Sept. 18, 1896	7.05	9.86
Brady, Charles William	June 5, 1889	Jan. 6, 1899	7.55	9.55
Brandt, William Frank	July 19, 1888	Dec. 30, 1896	5.87	8.51
Bredbenner, Herbert F.	Aug. 27, 1889	Dec. 30, 1898	7.74	8.73
Brewer, Charles Milton	Sept. 17, 1890	Sept. 26, 1899	..	..
Brinton, Ralph Saltmarsh	Sept. 17, 1890	Sept. 30, 1898	7.34	8.35
Brown, Frederick	May 5, 1891	May 31, 1899	..	..
Brown, George Edward	March 12, 1890	June 1, 1898	7.08	8.27
Bruce, George Washington	May 25, 1889	Dec. 31, 1897	7.86	9.12
Brunner, John Frederick	Feb. 5, 1892	Dec. 29, 1899	..	..
Bruns, John Frederick Carl	Nov. 22, 1891	Dec. 29, 1899	..	..
Bunge, Ralph	June 8, 1891	June 21, 1899	..	..
Bunting, Matthew	Oct. 28, 1890	May 31, 1899	..	..
Burt, John Howard	Feb. 11, 1890	Dec. 29, 1899	..	..
Button, William	Feb. 21, 1890	Sept. 26, 1899	..	..
Byrem, Harry Lawrence	July 28, 1890	June 1, 1898	6.45	9.43
Cadow, Charles Harrison	March 12, 1889	June 1, 1898	5.45	9.52

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Camenisch, Henry Paul	Sept. 17, 1890	May 31, 1899	..	..
Campbell, Arthur	Oct. 13, 1890	Sept. 30, 1898	6.97	7.96
Campbell, Charles James	Nov. 4, 1892	Sept. 27, 1899	..	..
Carlin, William Martin	Jan. 30, 1891	Dec. 30, 1898	7.85	8.53
Carre, Edward Daniel	Sept. 24, 1888	Sept. 6, 1897	7.42	8.57
Casatt, Frank Elston	Sept. 30, 1889	June 1, 1898	8.23	9.67
Chatham, Wilford Hall	June 9, 1891	Sept. 26, 1899	..	..
Clark, Edmund Lord	May 31, 1890	Sept. 30, 1898	6.83	9.03
Clarke, Francis Humes	March 9, 1890	June 1, 1898	7.50	9.82
Clavier, William Ernst	Feb. 28, 1891	Dec. 30, 1898	8.88	8.79
Cloud, Joseph	July 7, 1891	Dec. 29, 1899	..	..
Connors, Peter John	March 25, 1891	May 31, 1899	..	..
Cook, George Curtis	April 6, 1891	Jan. 5, 1899	5.27	8.65
Cooper, Benjamin Harrison	Nov. 1, 1888	May 29, 1896	7.49	9.61
Cope, Reuben Oscar	Jan 30, 1890	Dec. 30, 1898	8.02	8.13
Craig, Hilliard Sanders	Dec. 31, 1890	Dec. 30, 1898	7.53	9.46
Craig, Robert Hall	June 26, 1891	May 31, 1899	..	..
Crawford, Elwood Reed	June 30, 1891	June 6, 1899	..	..
Crocker, Francis Paulding	July 10, 1890	Sept. 26, 1899	..	..
Crothers, Elmer Edward	Nov. 10, 1890	May 31, 1899	..	..
Cunningham, Conrad C.	July 31, 1891	Dec. 29, 1899	..	..
Cunningham, Raymond	April 1, 1891	Jan. 4, 1899	5.18	9.31
Cutter, Charles	Dec. 27, 1888	May 29, 1896	6.58	7.89
<b>Daisey, Elmer</b>	Nov. 25, 1888	Dec. 31, 1897	7.87	9.50
Dalby, James Raymond	Dec. 27, 1889	May 31, 1899	..	..
Dalby, Sylvester Lewis	Aug. 9, 1891	Sept. 26, 1899	..	..
Dale, James Byron	June 1, 1889	May 31, 1899	..	..
Davenport, Stephen Ira	May 5, 1891	Sept. 26, 1899	..	..
Davis, Albert	May 2, 1889	Dec. 30, 1898	7.36	9.28
Davis, William Mellor	Nov. 26, 1891	Dec. 29, 1899	..	..
Dietz, Francis Raymond	Oct. 20, 1889	Sept. 26, 1899	..	..
Doster, George Charles	May 21, 1890	Dec. 29, 1899	..	..
Dougan, John Sleath	Aug. 2, 1891	Dec. 29, 1899	..	..
Dougherty, John	Aug. 8, 1890	June 1, 1898	6.98	8.79
Drummond, James Johnson	Jan. 16, 1889	Sept. 7, 1897	6.43	6.49
Dullenkopf, Charles Fred'k	May 7, 1890	Sept. 30, 1898	8.62	9.72
Dunk, Emanuel Marcelino	June 12, 1887	June 9, 1897	7.56	8.59
Dunn, John Moore	Aug. 15, 1891	Sept. 26, 1899	..	..
Dyer, Walter Josiah	Sept. 22, 1889	Dec. 30, 1898	6.95	9.65
<b>Earl, Robert Edward</b>	Nov. 19, 1890	May 31, 1899	..	..
Edelman, Allen Henry	Sept. 27, 1891	Dec. 29, 1899	..	..
Edelman, Louis Albert	Oct. 26, 1890	Dec. 30, 1898	8.97	9.46
Engquist, Carl John	Oct. 17, 1890	Dec. 30, 1898	5.83	9.68
Enz, Henry Christian	Feb. 10, 1891	Dec. 30, 1898	7.31	9.61
Enz, William Frederick	Feb. 9, 1890	Dec. 30, 1898	8.52	9.52
Erskine, Henry Bradshaw	June 16, 1891	Dec. 29, 1899	..	..
Erskine, Robert Lockhart	June 16, 1891	Dec. 29, 1899	..	..
Evans, David Albert	May 19, 1890	Dec. 30, 1898	8.95	9.15
Evans, David William	Dec. 22, 1890	Dec. 29, 1899	..	..
Evans, Frederick	Dec. 2, 1890	May 31, 1899	..	..
Eyre, Samuel	March 22, 1891	Sept. 26, 1899	..	..
<b>Farley, Bernard</b>	Dec. 8, 1890	May 31, 1899	..	..
Farrell, James	Dec. 30, 1890	May 31, 1899	..	..
Ferrey, Raymond John	June 3, 1890	June 1, 1898	7.28	7.47



## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Ferris, John	Jan. 6, 1890	Dec. 30, 1898	6.60	9.14
Ferry, Alfred Staungle	Aug. 25, 1889	May 31, 1899	..	..
Fester, William Martin	Nov. 8, 1889	Dec. 31, 1897	7.41	8.40
Fetterolf, Earl Raymond	April 11, 1891	Dec. 29, 1899	..	..
Fettinger, David Earl	Aug. 2, 1890	Sept. 26, 1899	..	..
Finley, George Albert	July 10, 1891	Dec. 29, 1899	..	..
Fizone, Joseph Earl	July 27, 1891	Sept. 26, 1899	..	..
Flanagan, Charles Arlie	July 14, 1890	May 31, 1899	..	..
Flanagan, John Daniel	Aug. 21, 1891	May 31, 1899	..	..
Flannery, Edmund	Nov. 15, 1890	Oct. 5, 1899	..	..
Fleming, Harry Gardner	July 30, 1889	Sept. 7, 1897	7.54	8.46
Flick, Taylor Barner	Aug. 4, 1889	Sept. 30, 1898	7.66	9.11
Floto, Oscar Jacob	Sept. 19, 1888	May 29, 1896	6.38	8.86
Foley, Dennis Joseph	March 25, 1889	Sept. 7, 1897	7.86	9.54
Ford, Edward James	Aug. 22, 1889	June 1, 1898	8.01	9.30
Fortney, George Russell	May 1, 1890	Dec. 29, 1899	..	..
Franke, Lewis Frederick	Oct. 27, 1891	Dec. 29, 1899	..	..
Frasch, Geo. Wm. Herbert	Jan. 29, 1891	Dec. 29, 1899	..	..
Fravel, Lester David	June 15, 1890	Dec. 30, 1898	3.62	8.81
Fravel, William Henry	Aug. 20, 1887	March 5, 1897	8.04	7.52
Free, Ira Maxwell	Dec. 5, 1889	Dec. 30, 1898	5.43	9.67
Friedrich, John Henry	Sept. 20, 1891	Dec. 29, 1899	..	..
Frye, Clayton Ellwood	Sept. 27, 1889	Dec. 31, 1897	6.14	9.95
Frymyer, Howard	Aug. 27, 1890	Dec. 30, 1898	7.41	9.72
<b>Garland Frank</b>	July 21, 1887	Dec. 30, 1896	6.97	9.22
Garner, Joseph L. F.	Nov. 7, 1889	Dec. 31, 1897	8.05	9.73
Geddes, William Clark	Dec. 29, 1889	Dec. 31, 1897	7.19	6.45
Geere, George Henry	April 23, 1890	May 31, 1899	..	..
Gehring, Edward Cornelius	Jan. 24, 1891	Dec. 30, 1898	8.00	9.95
Gehris, John	Jan. 24, 1890	June 1, 1898	8.01	9.07
Gehris, Paul Lafayette	March 28, 1890	June 1, 1898	6.32	9.02
Gerney, Ernest John	Jan. 24, 1890	June 1, 1898	5.75	9.25
Gilpin, Clifford	Aug. 13, 1890	Sept. 26, 1899	..	..
Giltinan, William Patrick	May 23, 1890	Sept. 26, 1899	..	..
Ginter, Charles Albert	Feb. 28, 1890	June 28, 1898	8.40	9.73
Given, Albert Bailey	April 8, 1891	May 31, 1899	..	..
Godshalk, George W. C.	June 15, 1891	May 31, 1899	..	..
Gogolsky, John George	April 6, 1890	Jan. 10, 1899	9.01	9.04
Goldstein, Benjamin	April 22, 1892	Jan. 3, 1899	7.00	8.89
Golightly, William	June 8, 1890	Sept. 30, 1898	7.20	7.93
Goodman, Frederick H. M.	July 2, 1890	Dec. 29, 1899	..	..
Goodman, Joseph	Feb. 25, 1891	June 1, 1898	8.98	8.93
Gordon, John McGowan	Sept. 18, 1889	Dec. 31, 1897	7.88	8.55
Gormley, John	Dec. 12, 1891	Dec. 29, 1899	..	..
Gosner, Charles Anthony	Oct. 30, 1890	Sept. 26, 1899	..	..
Graham, William Ernest	May 3, 1891	May 31, 1899	..	..
Graybill, Warren Crawford	June 23, 1890	June 1, 1898	7.41	8.21
Green, John Warner	June 6, 1890	May 31, 1899	..	..
Green, Joseph	July 22, 1890	June 28, 1898	9.21	9.81
Green, Miles	Sept. 10, 1887	Sept. 18, 1896	..	8.76
Gresens, Frederick Peter	Nov. 19, 1889	Dec. 31, 1897	7.96	7.88
Gress, Abraham Morris	Jan. 25, 1888	May 29, 1896	5.11	9.73
Greves, Edward Francis	Jan. 22, 1890	Jan. 14, 1898	7.25	8.99
Griffith, William Herbert	Sept. 3, 1889	Sept. 7, 1897	7.39	8.73

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 157

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Grimm, Nathan Penrose	Sept. 4, 1888	June 1, 1898	7.66	9.37
Groome, John Campbell	Jan. 4, 1891	Dec. 30, 1898	7.51	9.71
Guest, Benjamin Franklin	Sept. 5, 1889	Dec. 31, 1897	7.82	9.36
Guise, Samuel	April 13, 1890	May 31, 1899	. .	. .
<b>Hack, Frederick Philip</b>	Sept. 17, 1891	Sept. 26, 1899	. .	. .
Hahn, August John	July 2, 1891	Dec. 29, 1899	. .	. .
Haist, Frederick Christian	Jan. 27, 1890	June 1, 1898	7.29	7.64
Hall, John James	May 18, 1889	Dec. 30, 1898	7.41	9.89
Hamilton, John	Aug. 27, 1891	Dec. 31, 1897	6.85	8.50
Hanna, Charles Raymond	Feb. 14, 1892	Dec. 29, 1899	. .	. .
Hannan, James	May 18, 1889	Sept. 6, 1897	8.09	8.09
Harr, William Musselman	Oct. 10, 1891	Dec. 29, 1899	. .	. .
Harrigan, John Conway	March 8, 1892	April 28, 1898	6.74	8.62
Harrigan, Robert John	Jan. 29, 1890	May 29, 1896	8.38	8.84
Harris, Benjamin	Oct. 29, 1887	Dec. 31, 1895	8.25	8.31
Harris, William Evan	Jan. 16, 1890	Dec. 29, 1899	. .	. .
Harris, William Thomas	Dec. 25, 1889	Dec. 31, 1897	7.87	8.45
Harrison, Joseph	July 30, 1890	June 1, 1898	8.00	9.67
Hartman, Frank Lincoln	May 18, 1890	June 1, 1898	8.33	9.32
Harwick, George Martin	Oct. 28, 1889	June 1, 1898	7.66	9.10
Havens, Frank Russell	Dec. 1, 1888	Sept. 7, 1897	6.87	9.27
Hawley, Charles Edward	Jan. 8, 1891	Dec. 30, 1898	7.14	9.28
Hawley, William Selby	Aug. 18, 1889	June 1, 1898	8.25	8.27
Heinz, Edward	June 12, 1891	May 31, 1899	. .	. .
Helliwell, William Edward	Jan. 9, 1891	Jan. 17, 1899	8.05	9.94
Henly, John	April 25, 1890	Sept. 26, 1899	. .	. .
Herrmann, William Gailey	March 11, 1891	May 31, 1899	. .	. .
Hess, John Haeflich	Jan. 4, 1892	Dec. 29, 1899	. .	. .
Hildenbrand, Lewis Edward	April 20, 1890	June 1, 1898	7.33	9.65
Hirk, William Winfield	Oct. 17, 1890	Oct. 25, 1898	7.17	8.87
Hoeltzle, Albert Conrad	March 25, 1889	Sept. 7, 1897	7.09	9.53
Hoffman, Elmer Ellsworth	May 17, 1891	May 31, 1899	. .	. .
Honicker, Franklin Adolph	Sept. 19, 1890	June 21, 1898	9.02	9.72
Hoover, Earl Francis	July 15, 1891	Sept. 26, 1899	. .	. .
Hopper, Thomas Crawl	Nov. 26, 1888	Sept. 9, 1897	8.02	8.86
Hopple, Joseph	Sept. 14, 1889	Sept. 30, 1898	7.12	8.87
Horscroft, William Frank	Dec. 28, 1890	Sept. 6, 1897	7.55	8.94
Houder, John Burton	March 8, 1889	Sept. 6, 1897	8.72	9.21
Howell, Henry	Feb. 14, 1890	May 31, 1899	. .	. .
Hoyler, Edward Herman	June 30, 1890	May 31, 1899	. .	. .
Hughes, David S.	Oct. 20, 1889	June 13, 1899	. .	. .
Hunter, Charles	Nov. 5, 1889	Dec. 31, 1897	8.24	9.78
Hunter, Robert Henry	April 6, 1890	Jan. 19, 1898	8.19	9.35
<b>Irvin, Walter William</b>	Jan. 20, 1889	Sept. 7, 1897	6.50	8.91
Irvin, William Cleveland	Aug. 3, 1889	Dec. 30, 1898	6.96	9.43
Irwin, Clarence Loughry	Jan. 31, 1892	Dec. 29, 1899	. .	. .
<b>Jahn, John Henry</b>	Dec. 17, 1889	June 1, 1898	8.07	9.53
Jestar, Joseph Ellwood	Oct. 11, 1890	Jan. 14, 1898	8.56	9.65
Johnson, James Kennedy	Aug. 21, 1891	Dec. 29, 1899	. .	. .
Jolly, Robert Bruce	Jan. 2, 1890	June 1, 1898	7.08	9.13
Jones, Albert	Aug. 18, 1890	June 7, 1899	. .	. .
Jones, Harry Blyer	Feb. 11, 1890	Dec. 31, 1897	8.20	9.27
Jones, Joseph Haydn	March 1, 1891	Dec. 30, 1898	. .	. .
<b>Kane, Arthur Garfield</b>	Aug. 29, 1890	June 13, 1898	7.47	8.98

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Kauffman, Victor Preston	March 31, 1889	Sept. 30, 1898	. .	9.28
Keegan, Edward	Jan. 19, 1889	Dec. 31, 1897	6.61	8.43
Keller, Charles	March 30, 1891	Jan. 12, 1899	6.65	8.35
Keller, George Albert	Nov. 18, 1889	Oct. 25, 1898	5.49	8.63
Kennedy, Lawrence Fremont	Sept. 10, 1890	Dec. 30, 1898	8.18	8.38
Kennedy, Thomas Joseph	May 26, 1891	May 31, 1899	. .	. .
Keth, Frank Henry	Feb. 9, 1891	May 31, 1899	. .	. .
Keyser, Franklin	Jan. 29, 1891	May 31, 1899	. .	. .
Keyser, Harrison	June 15, 1889	May 31, 1899	. .	. .
King, Eugene Robert	Sept. 21, 1890	Sept. 30, 1898	7.85	9.20
King, Francis	Aug. 29, 1891	Sept. 26, 1899	. .	. .
Kirkland, William	Oct. 11, 1890	June 24, 1898	8.12	9.31
Kirschbaum, Carl Alex.	Aug. 9, 1890	June 1, 1898	7.58	8.48
Kitselman, Henry Allen	June 14, 1893	June 22, 1899	. .	. .
Kleinhenn, Walter Henry	Aug. 17, 1891	Sept. 26, 1899	. .	. .
Kline, William Benjamin	Feb. 11, 1890	Dec. 31, 1897	7.98	9.30
Klug, Joseph	May 28, 1890	Dec. 29, 1899	. .	. .
Knapp, Horace Clifton	April 13, 1890	June 23, 1898	8.70	9.52
Koch, Ernest Frederick	Dec. 1, 1890	Dec. 30, 1898	7.77	9.19
Koch, Julius	July 13, 1890	Dec. 29, 1899	. .	. .
Kruse, Frederick	Jan. 26, 1891	Sept. 6, 1897	7.51	9.50
Lafferty, Harry James	June 3, 1889	Sept. 7, 1897	7.86	9.85
Lake, James George	Aug. 29, 1888	Sept. 6, 1897	7.62	8.83
Lake, Rowland Edward	Sept. 8, 1890	Dec. 29, 1899	. .	. .
Layden, Joseph	Nov. 18, 1889	June 1, 1898	8.66	8.84
Leaf, Frank George	April 8, 1889	Sept. 30, 1898	8.94	9.17
Leibgries, Paul Fey	Nov. 29, 1890	Sept. 30, 1898	7.73	9.65
Leiby, Harry Joseph	April 11, 1890	June 1, 1898	7.97	9.28
Leister, Warren Leon	Aug. 23, 1889	Dec. 31, 1897	8.82	9.38
Lewis, Herbert Fiske	Jan. 26, 1890	Dec. 29, 1899	. .	. .
Liddell, Morgan Alexander	Jan. 1, 1890	May 31, 1899	. .	. .
Lindsey, Frank Myrl	Nov. 24, 1889	June 1, 1898	7.63	8.98
Lindsey, John Ramond	Nov. 24, 1889	June 1, 1898	7.91	9.40
Lingo, Elmer Paynter	Nov. 2, 1891	Dec. 29, 1899	. .	. .
Long, Wesley Miller	Aug. 28, 1889	Jan. 5, 1899	8.91	8.59
Longabaugh, George Wm.	Jan. 16, 1890	Dec. 29, 1899	. .	. .
Longacre, Benjamin Richard	Jan. 23, 1890	Dec. 31, 1897	6.41	8.39
Lord, Thomas Miller	April 15, 1889	June 1, 1898	7.29	8.10
Loughery, James William	June 23, 1890	Dec. 29, 1899	. .	. .
Loughery, Thomas Edward	June 2, 1889	Jan. 21, 1898	7.09	8.40
Lovett, John Humphries	Oct. 7, 1889	June 2, 1898	8.60	8.23
Ludwig, James Albert	July 10, 1890	June 1, 1898	7.73	8.82
Lukens, George Alexander	Nov. 4, 1890	Dec. 30, 1898	7.44	8.59
McCarter, George Wm.	Oct. 5, 1890	Oct. 21, 1898	8.96	9.33
McDougall, John Bruce	April 24, 1890	June 23, 1898	8.50	9.77
McDowell, Edward	July 20, 1891	Dec. 29, 1899	. .	. .
McDowell, Walter Elliott	Aug. 10, 1890	June 1, 1898	7.89	8.63
McElroy, Samuel Hatton	Aug. 7, 1890	June 1, 1898	7.05	8.95
McGoldrick, Maurice	Aug. 29, 1891	Dec. 29, 1899	. .	. .
McGrath, Lawrence Bishop	Nov. 15, 1888	Sept. 6, 1897	7.72	8.44
McGuire, John	Sept. 5, 1890	June 16, 1899	. .	. .
McLaughlin, Francis	Feb. 10, 1891	Dec. 29, 1899	. .	. .
Mackin, Everett Allen	Feb. 26, 1890	May 31, 1899	. .	. .
MacMurray, Harold	Nov. 20, 1890	May 31, 1899	. .	. .

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Mageoch, George Henry	Dec. 7, 1890	Dec. 30, 1898	8.95	8.47
Maguire, John	Aug. 21, 1889	May 29, 1896	6.60	7.51
Maihner, John Joseph	June 5, 1891	May 31, 1899	. .	. .
Malcomson, James Allison	Jan. 25, 1891	May 31, 1899	. .	. .
Mallams, Calvin	Oct. 24, 1889	June 1, 1898	8.94	9.52
Manton, Thomas Frederick	Sept. 7, 1889	May 31, 1899	. .	. .
Margerum, John E. P.	Feb. 25, 1891	Dec. 30, 1898	6.50	9.39
Marsh, Wm. R. P.	Sept. 13, 1889	Nov. 1, 1898	5.71	8.82
Martin, Edward Beasley	May 18, 1889	Sept. 6, 1897	7.10	9.57
Martin, Frank Henry	July 17, 1891	Sept. 26, 1899	. .	. .
Mason, James	Oct. 30, 1890	Sept. 26, 1899	. .	. .
Matlack, John Dowlin	Oct. 29, 1891	Dec. 29, 1899	. .	. .
Matthews, Carl Miller	Aug. 1, 1891	Sept. 26, 1899	. .	. .
Matthews, James Frank	Sept. 22, 1889	June 1, 1898	6.82	9.76
Maurer, Jesse Cleaver	July 26, 1890	Sept. 30, 1898	7.44	8.37
Maust, Harry Ray	Nov. 25, 1889	Sept. 15, 1898	5.71	9.43
Mayer, David Nathaniel	May 18, 1888	Dec. 30, 1896	7.55	8.79
Meissner, George Alexander	Aug. 31, 1890	June 1, 1898	8.46	8.50
Meyer, Charles Benjamin	March 3, 1888	Dec. 30, 1896	8.03	7.79
Miller, William Francis	Oct. 10, 1888	June 21, 1898	7.85	9.32
Mitchell, Charles Jones	Oct. 14, 1890	Dec. 30, 1898	9.37	8.20
Mohr, Frederick Charles	Feb. 28, 1891	Dec. 30, 1898	8.72	8.77
Moldenhauer, Gustave A.	Sept. 3, 1890	June 1, 1898	8.39	9.61
Montgomery, Thomas P.	July 17, 1890	Dec. 29, 1899	. .	. .
Mooney, Walter Engel C.	May 28, 1888	Dec. 31, 1897	5.94	8.92
Moore, Brooke Adams	Feb. 15, 1889	Sept. 30, 1898	7.86	9.98
Moore, Harvey Neall	Feb. 23, 1891	May 31, 1899	. .	. .
Moore, Henry Wislar	June 27, 1891	May 31, 1899	. .	. .
Moore, Jerome Cook	May 26, 1890	June 1, 1898	8.41	9.09
Moore, John Edgar	June 27, 1891	May 31, 1899	. .	. .
Moore, Raymond Simpson	Feb. 18, 1891	Dec. 30, 1898	7.62	9.42
Morris, Charles Albert	April 18, 1891	Dec. 29, 1899	. .	. .
Morrison, David	Sept. 4, 1891	Sept. 26, 1899	. .	. .
Morrison, John	May 26, 1888	Sept. 7, 1897	7.18	6.51
Moyer, Henry Rase	March 25, 1889	Jan. 13, 1897	7.51	8.92
Müller, Ferdinand	Aug. 6, 1887	May 31, 1895	6.46	7.67
Müller, Frank Lawrence	May 9, 1890	Dec. 30, 1898	6.98	7.98
Mulvaney, Horace Walter	June 8, 1890	June 20, 1898	8.71	9.87
Myers, Richard London	Aug. 22, 1890	Dec. 30, 1898	7.75	9.47
Nace, Harvey	April 27, 1888	Sept. 7, 1897	6.27	8.85
Nagel, Harry Edward	July 27, 1891	May 31, 1899	. .	. .
Nash, William James	Jan. 23, 1891	May 31, 1899	. .	. .
Nattress, Earl Russell	Sept. 24, 1888	Dec. 30, 1896	8.16	9.89
Neely, John	April 14, 1890	June 1, 1898	7.44	8.70
Nertney, John	Oct. 14, 1885	June 11, 1895	6.08	9.33
Nertney, Michael Francis	Jan. 18, 1888	June 11, 1895	6.66	8.36
Nessler, Vincent Leon	Jan. 3, 1890	Dec. 31, 1896	7.81	7.49
Nessler, William Ernest	March 1, 1892	Dec. 30, 1898	6.93	9.77
Noll, Elmer Moses	May 26, 1889	Dec. 30, 1898	7.20	9.60
Noll, Robert Henry	Oct. 3, 1891	Oct. 3, 1899	. .	. .
Nolte, Harry Clayton	Aug. 12, 1888	June 1, 1898	7.53	9.26
Nolte, William Ferdinand	Aug. 21, 1890	June 1, 1898	7.40	8.40
Nordland, Charles Walter	Dec. 26, 1890	Dec. 30, 1898	7.53	9.79
Nortine, Harry	June 18, 1890	Oct. 20, 1898	7.59	9.08

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Nowatny, Charles Adolph	Jan. 30, 1890	Dec. 31, 1897	7.29	9.34
Nowland, Edward Joseph	Aug. 20, 1891	Dec. 29, 1899	. .	. .
Nye, John William	Aug. 21, 1890	Dec. 30, 1898	5.87	9.21
O'Conner, Timothy E.	Feb. 19, 1892	June 1, 1898	5.68	8.50
Oescher, Edward William	April 10, 1891	Dec. 29, 1899	. .	. .
Oldroyd, Walter	Dec. 25, 1889	May 31, 1899	. .	. .
Oler, Henry John	June 23, 1889	May 31, 1899	. .	. .
Orth, John Nicholas	March 14, 1889	Jan. 2, 1897	6.56	8.67
Osborn, Robert	Dec. 9, 1890	Dec. 30, 1898	6.73	9.33
Overdorf, George William	May 26, 1891	Sept. 26, 1899	. .	. .
Overdorf, Lewis Herbert	March 12, 1887	Dec. 30, 1896	8.40	9.34
Pague, Ellsworth	April 8, 1890	Dec. 30, 1898	7.05	9.50
Park, Albert Doan	Feb. 19, 1891	Dec. 30, 1898	9.00	9.87
Parucutt, Charles Harrison	April 22, 1889	Sept. 6, 1897	6.88	8.63
Parry, Francis Joseph	Nov. 2, 1889	Dec. 31, 1897	8.69	8.77
Parry, Howard	July 17, 1891	Sept. 26, 1899	. .	. .
Peck, John Wildey	June 23, 1888	Dec. 30, 1896	8.14	8.73
Peck, Joseph Hottenstine	July 18, 1890	Dec. 29, 1899	. .	. .
Peters, Henry Arthur	April 17, 1889	June 1, 1898	8.89	8.52
Pfander, Lewis Jacob	Dec. 23, 1889	Sept. 26, 1899	. .	. .
Pfau, Mathias Adam	Aug. 8, 1889	June 1, 1898	7.26	7.83
Pharaoh, Joseph Warner	May 2, 1889	Jan. 28, 1898	7.96	9.06
Phillips, Albert	March 29, 1889	Sept. 7, 1897	6.93	9.54
Picton, Stanley	Aug. 2, 1891	Dec. 29, 1899	. .	. .
Piersol, Leon Joseph	April 3, 1890	Dec. 30, 1898	6.94	9.21
Pleiss, George Luther	Nov. 30, 1890	Sept. 30, 1898	5.19	8.45
Powell, Henry Joseph	Oct. 2, 1891	Sept. 26, 1899	. .	. .
Powell, Joseph William	May 25, 1890	Sept. 30, 1898	6.93	9.17
Priester, George Washington	May 4, 1891	Dec. 29, 1899	. .	. .
Pritchard, Thomas Arthur	Jan. 12, 1890	June 1, 1898	8.37	9.24
Quay, Walter Herbert	Feb. 13, 1892	Dec. 29, 1899	. .	. .
Quinn, Thomas	Dec. 16, 1890	Sept. 26, 1899	. .	. .
Ralston, Joseph	March 4, 1891	Sept. 6, 1897	7.39	8.18
Ramm, Augustus	Oct. 31, 1890	Dec. 30, 1896	8.49	8.53
Rauchenberger, Charles A.	July 4, 1887	May 31, 1895	6.88	8.42
Reade, Harry	Jan. 20, 1892	Dec. 29, 1899	. .	. .
Reber, Charles Irwin	July 24, 1888	Sept. 6, 1897	6.89	7.04
Reckefus, Howard Joseph	June 25, 1891	Dec. 29, 1899	. .	. .
Reed, Edward Francis	Dec. 3, 1889	Dec. 31, 1897	7.66	8.08
Rees, Alvern Luther	Nov. 10, 1889	May 31, 1899	. .	. .
Reichelderfer, Charles W.	Nov. 18, 1888	June 17, 1898	7.38	9.15
Keilley, Thomas James	April 4, 1889	Sept. 6, 1897	7.73	8.88
Reynolds, Oliver Christopher	Oct. 21, 1889	June 1, 1898	8.26	9.79
Rhodes, Edward Harrison	June 6, 1889	Sept. 7, 1897	7.96	8.81
Richards, Chester Harrison	Nov. 13, 1888	Sept. 18, 1896	7.17	8.74
Richter, William Otto	Aug. 3, 1890	Dec. 29, 1899	. .	. .
Robertson, William James	July 1, 1891	Dec. 29, 1899	. .	. .
Roegner, George Washing'tn	May 27, 1892	Sept. 26, 1899	. .	. .
Rorabaugh, Fay Irvin	Sept. 22, 1889	May 31, 1899	. .	. .
Rowe, Edward Griffiths	Jan. 12, 1891	Dec. 30, 1898	6.31	8.73
Rupert, Flemuel Trumen	Sept. 24, 1888	June 15, 1898	8.68	9.42
Rupert, Henry Bell	Dec. 29, 1889	June 15, 1898	7.83	8.89
Russell, Joseph	Sept. 14, 1888	Sept. 7, 1897	7.97	9.74
Ruth, Charles Henry	Jan. 13, 1890	June 1, 1898	7.34	9.14

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 161

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Santman, John	Dec. 12, 1889	Dec. 29, 1899	. .	. .
Sauter, Jacob	Dec. 15, 1891	Dec. 31, 1897	7.72	8.71
Schairer, Henry Theodore	Dec. 26, 1890	May 31, 1899	. .	. .
Scheetz, Clarence Roger D.	Jan. 2, 1889	Dec. 30, 1898	7.23	9.59
Schimpf, Paul	June 23, 1890	June 1, 1898	7.52	9.30
Schleider, Emil George	Jan. 3, 1890	June 1, 1898	7.61	8.96
Schmidt, Aloysius	July 25, 1893	Sept. 26, 1899	. .	. .
Schofield, Isaac Bierly	Sept. 15, 1890	Sept. 30, 1898	4.19	8.34
Schrandt, Wm. Frederick	Jan. 23, 1890	June 1, 1898	8.67	9.30
Schwartz, Elias Edward	Feb. 24, 1888	Dec. 31, 1897	7.97	9.50
Schwartz, Harry August	Dec. 5, 1889	Dec. 31, 1897	7.10	9.67
Sehner, Fred'k Buckwalter	Aug. 17, 1891	Sept. 26, 1899	. .	. .
Seith, Fred'k Geiter Wm.	May 20, 1890	June 20, 1898	7.14	8.85
Seitz, Julius	March 20, 1890	March 11, 1898	7.15	7.61
Sharp, Wm. Christian	May 15, 1891	Dec. 29, 1899	. .	. .
Sharp, Wm. Lindsey	Jan. 19, 1890	May 31, 1899	. .	. .
Shaw, Russel Christopher	June 13, 1889	May 31, 1899	. .	. .
Shaw, Williard Hartwell	June 22, 1891	May 31, 1899	. .	. .
Shenk, Ralph	April 19, 1890	June 1, 1898	8.01	9.57
Sigel, Ralph	Sept. 19, 1891	Dec. 29, 1899	. .	. .
Sigel, Robert Glenn	Oct. 23, 1889	Jan. 18, 1898	8.14	9.67
Simcox, John	Oct. 24, 1890	Dec. 30, 1896	7.82	8.88
Singer, Carl William	June 18, 1890	June 1, 1898	8.42	9.43
Sisco, George Henry	March 14, 1891	Sept. 6, 1897	7.61	8.77
Skipton, Frank Robert	Feb. 12, 1891	May 31, 1899	. .	. .
Sly, James Johnson	Oct. 22, 1889	Dec. 30, 1896	6.83	7.24
Sly, Robert Brown	Feb. 24, 1893	May 31, 1899	. .	. .
Smith, Albert Thomas	Aug. 25, 1891	Sept. 26, 1899	. .	. .
Smith, Frederick William	Nov. 11, 1890	May 31, 1899	. .	. .
Smith, Herbert	June 16, 1890	June 1, 1898	8.42	9.02
Smith, Howard Taylor	March 18, 1889	Dec. 31, 1897	7.59	9.17
Smith, Sanford Warren	Oct. 26, 1889	Dec. 31, 1897	8.02	9.41
Spengler, Edward Firestone	Jan. 12, 1889	June 1, 1898	8.21	8.71
Spiece, Carl Frederick	Nov. 30, 1890	Dec. 30, 1898	6.24	8.58
Steimle, Frederick Adolph	May 9, 189	Sept. 26, 1899	. .	. .
Steinmetz, Elmer Herr	Nov. 25, 1888	Jan. 28, 1897	7.63	9.20
Stevenson, William Howard	April 18, 1889	June 1, 1898	7.50	8.28
Stewart, Earl Campbell	Aug. 20, 1889	Dec. 30, 1898	7.13	9.73
Stone, Raymond Joseph	Oct. 7, 1890	Oct. 3, 1898	8.00	9.11
Stranaghan, Albert	Feb. 24, 1891	Dec. 30, 1898	6.49	9.54
Stutz, Louis	April 27, 1890	June 1, 1898	7.05	8.89
Supper, Otto Joseph	Aug. 28, 1890	June 17, 1898	6.73	7.50
Swingle, Frederick Arthur	Sept. 21, 1888	Sept. 7, 1897	6.36	8.61
Taney, Wm. Randall	July 22, 1887	Dec. 30, 1896	6.35	8.25
Teets, Robert	Aug. 29, 1891	Dec. 29, 1899	. .	. .
Thompson, Thomas Asbury	Jan. 12, 1892	Dec. 29, 1899	. .	. .
Todd, Frederick	Sept. 20, 1889	Dec. 30, 1898	8.02	9.74
Tonolla, Julius	June 13, 1891	May 31, 1899	. .	. .
Treaster, George James	Sept. 13, 1891	Sept. 26, 1899	. .	. .
Treaster, Wm. Samuel	Oct. 28, 1888	June 1, 1898	7.81	8.75
Triggs, Joseph Raphael	Dec. 29, 1890	Dec. 29, 1899	. .	. .
Troutman, Floyd Alvin	March 4, 1891	May 31, 1899	. .	. .
Truempy, George Stanley	Jan. 30, 1890	Sept. 30, 1898	8.67	9.73
Turner, James	Aug. 3, 1889	June 8, 1899	. .	. .

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Umholts, Wm. Harrison	Aug. 11, 1889	Jan. 6, 1898	8.00	9.80
Uren, John Noble	April 14, 1891	Sept. 26, 1899	. .	. .
Vance, Howard Leroy	Nov. 25, 1890	Dec. 30, 1898	8.65	9.74
Vert, Leroy	Dec. 21, 1890	June 7, 1899	. .	. .
Voigt, Chas. Wm. Ferdinand	Nov. 8, 1889	Dec. 30, 1896	7.45	9.07
Voigt, Conrad Ferdinand	Oct. 13, 1891	Sept. 26, 1899	. .	. .
Wakeman, Earle Arthur	June 9, 1888	June 1, 1898	7.40	9.56
Walker, Charles Henry	Oct. 27, 1889	June 1, 1898	7.85	8.80
Wallington, Albert Raymond	May 15, 1889	June 1, 1898	7.76	9.59
Walters, Charles Henry	Feb. 6, 1890	May 31, 1899	. .	. .
Warfel, William Daniel	July 31, 1890	Sept. 26, 1899	. .	. .
Warneke, Edward Albert	June 27, 1889	Sept. 6, 1897	8.04	9.07
Washington, Charles Parker	Jan. 18, 1888	Dec. 30, 1896	6.95	9.11
Watts, James W. Mason	April 29, 1888	Dec. 31, 1897	6.79	7.41
Wear, Warren	Feb. 16, 1892	Dec. 29, 1899	. .	. .
Weaver, Donald Lamison	May 25, 1890	Sept. 30, 1898	9.02	9.20
Weiss, Harry Stanton	Sept. 14, 1891	Sept. 26, 1899	. .	. .
Weiss, Isaac	Jan. 13, 1891	Dec. 30, 1898	8.79	8.67
Welker, Samuel Jacob	Dec. 5, 1888	Sept. 11, 1897	6.57	8.59
Wenrick, Walter Brokaw	Sept. 15, 1890	June 1, 1898	7.82	9.15
Werner, Frank Andrew	Dec. 5, 1889	Dec. 31, 1897	7.88	9.71
Werner, Jacob Herman	Nov. 25, 1891	Dec. 29, 1899	. .	. .
Wetzel, Adam Collier	Nov. 20, 1890	May 31, 1899	. .	. .
Weyman, Elmer	Sept. 8, 1888	Sept. 7, 1897	7.65	9.80
Whalen, George Philip	Dec. 14, 1889	June 1, 1898	8.79	8.71
Whiskeyman, Chas. David	Jan. 27, 1888	Sept. 7, 1897	6.59	7.57
Whiteley, Thos. Frederick	Nov. 16, 1888	June 1, 1898	6.96	9.15
Wiegand, John Conard	April 23, 1889	Sept. 6, 1897	8.47	9.43
Williams, John Reese	Feb. 18, 1891	May 31, 1899	. .	. .
Willis, Thomas John	May 27, 1889	Feb. 11, 1898	7.57	9.19
Wills, Walter	June 2, 1889	June 1, 1898	6.95	7.14
Wilmer, Ervin Brandt	Feb. 3, 1891	Dec. 30, 1898	5.82	9.49
Wilson, James Edson	Feb. 6, 1889	Dec. 30, 1896	5.06	8.94
Winter, Henry Charles	July 8, 1890	May 31, 1899	. .	. .
Wintersteen, Edward Elmer	Aug. 26, 1888	June 1, 1898	8.31	8.70
Wintersteen, Howard	Nov. 12, 1890	Dec. 29, 1899	. .	. .
Wittmer, Austin Arthur	March 3, 1890	June 1, 1898	7.43	9.26
Wolfson, Kalma	Feb. 14, 1890	Oct. 4, 1898	9.43	9.62
Woloszyk, Thomas Richard	July 9, 1889	Jan. 11, 1899	8.86	9.78
Young, Ross Howard	Feb. 2, 1890	Dec. 29, 1899	. .	. .
Ziegler, Herbert Eyre	Aug. 14, 1890	May 31, 1899	. .	. .
Zimmerman, Claude Moyer	Oct. 1, 1890	Nov. 15, 1898	9.10	9.89
Zoll, Howard Sloane	Feb. 4, 1891	Dec. 21, 1899	. .	. .

## SUMMARY.

Fourth Form . . . . .	154
Third Form . . . . .	422
Second Form . . . . .	482
First Form . . . . .	471
Total . . . . .	1529

**SCHEDULE OF RECITATIONS.**

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**GIRARD COLLEGE.**

**1900.**



Schedule of Recitations—Girard College, 1900.

**FIRST SCHOOL.**

*Note.*—Hours are divided into lesson periods of 20 and 40 minutes.

[illegible]

10.00-11.00	Reading	Reading	Reading	Reading	Calisthenics Reading	Reading Calisthenics	Lang. Less.	Lang. Less.	Lang. Less.
11.00-12.00	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Calisthenics Lang. Less.	Reading Calisthenics	Reading Calisthenics	Reading Misc.
2.00-3.00	Arithmetic Spelling Writing	Arithmetic Spelling Writing	Arithmetic Spelling Writing	Arithmetic Spelling Writing	Arithmetic Spelling Writing	Arithmetic Spelling Writing	Arithmetic Spelling Writing	Arithmetic Spelling Writing	Arithmetic Spelling Writing
3.00-4.00	Char. Less. Clay Mod.	Char. Less. Clay Mod.	Char. Less. Clay Mod.	Char. Less. Clay Mod.	Char. Less. Clay Mod.	Char. Less. Clay Mod.	Char. Less. Clay Mod.	Char. Less. Clay Mod.	Char. Less. Clay Mod.

8.00-9.00	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
9.00-10.00	Spelling Obs'n Less.	Spelling Obs'n Less.	Spelling Obs'n Less.	Spelling Obs'n Less.	Spelling Obs'n Less.	Spelling Obs'n Less.	Spelling Obs'n Less.	Spelling Obs'n Less.	Spelling Obs'n Less.
10.00-11.00	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading
11.00-12.00	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.
2.00-3.00	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading
3.00-4.00	Musical Spelling Writing	Musical Spelling Writing	Musical Spelling Writing	Musical Spelling Writing	Musical Spelling Writing	Musical Spelling Writing	Musical Spelling Writing	Musical Spelling Writing	Musical Spelling Writing

8.00-9.00	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling	Chapel Calisthenics Spelling
9.00-10.00	Arithmetic Writing	Arithmetic Writing	Arithmetic Writing	Arithmetic Writing	Arithmetic Writing	Arithmetic Writing	Arithmetic Writing	Arithmetic Writing	Arithmetic Writing
10.00-11.00	Recess Reading Drawing	Recess Reading Drawing	Recess Reading Drawing	Recess Reading Drawing	Recess Reading Drawing	Recess Reading Drawing	Recess Reading Drawing	Recess Reading Drawing	Recess Reading Drawing
11.00-12.00	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.	Lang. Less. Misc.
2.00-3.00	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading	Arithmetic Reading
3.00-4.00	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music

DAYS	FIRST GRADE—CLASSES					SECOND GRADE—CLASSES					THIRD GRADE—CLASSES				
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
MONDAY	8.00-9.00	Chapel Music Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Drawing	Chapel Arithmetic	Chapel Arithmetic Sloyd 1	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
	9.00-10.00	Spelling Obs'n Less. Writing	Spelling Obs'n Less. Writing	Spelling Music Obs'n Less.	Geography Spelling Writing	Geography Spelling Music	Geography Spelling Drawing	Arithmetic	Spelling Drawing	Spelling Writing Sloyd 1	Spelling Obs'n Less. Writing	Spelling Obs'n Less. Writing	Spelling Obs'n Less. Writing	Spelling Obs'n Less. Writing	Spelling Obs'n Less. Writing
	10.00-11.00	Recess Reading	Recess Reading	Recess Reading	Recess Music Lang. Less.	Recess Drawing	Recess Drawing	Recess Lang. Less.	Recess Lang. Less.	Recess Reading Obs'n Less.	Recess Reading Obs'n Less.	Recess Reading Obs'n Less.	Recess Reading Obs'n Less.	Recess Reading Obs'n Less.	Recess Reading Obs'n Less.
	11.00-12.00	Geography Lang. Less.	Geography Lang. Less.	Geography Lang. Less.	Drawing	Reading Lang. Less.	Reading Lang. Less.	Music Geography Reading	Geography Reading	Geography Lang. Less.	Geography Lang. Less.	Geography Lang. Less.	Geography Lang. Less.	Geography Lang. Less.	Geography Lang. Less.
	2.00-3.00	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography Sloyd 1	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography
TUESDAY	3.00-4.00	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.
	8.00-9.00	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic Sloyd 1	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
	9.00-10.00	Callisthenics Spelling Geography	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics	Spelling Geography Callisthenics
	10.00-11.00	Recess Reading	Recess Reading	Recess Reading	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics	Recess Reading Callisthenics
	11.00-12.00	Obs'n Less. Lang. Less.	Obs'n Less. Lang. Less.	Obs'n Less. Lang. Less.	Reading Lang. Less.	Reading Lang. Less.	Reading Lang. Less.	Callisthenics Lang. Less.	Callisthenics Lang. Less.	Callisthenics Lang. Less.	Callisthenics Lang. Less.	Callisthenics Lang. Less.	Callisthenics Lang. Less.	Callisthenics Lang. Less.	Callisthenics Lang. Less.
	2.00-3.00	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography
	3.00-4.00	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.
	8.00-9.00	Chapel Drawing	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
	9.00-10.00	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic	Arithmetic
	10.00-11.00	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.	Spelling Writing Char. Less.

## WEDNESDAY

Time	Reading	Reading	Drawing	Lang. Less.	Reading	Reading	Reading	Reading	Reading	Reading
12.00-12.00	Geography Lang. Less.	Geography Lang. Less.	Geography Lang. Less.	Drawing	Obs'n Less. Lang. Less.	Obs'n Less. Lang. Less.	Obs'n Less. Lang. Less.	Obs'n Less. Lang. Less.	Obs'n Less. Lang. Less.	Obs'n Less. Lang. Less.
2.00-3.00	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography	Arithmetic Geography
3.00-4.00	Spelling Writing	Spelling Writing	Spelling Reading	Spelling Reading	Spelling Misc.	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Music

## THURSDAY

Time	Reading	Reading	Drawing	Lang. Less.	Reading	Reading	Reading	Reading	Reading	Reading
8.00-9.00	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
9.00-10.00	Calisthenics Writing	Obs'n Less. Calisthenics	Obs'n Less. Writing	Obs'n Less. Writing	Lang. Less. History	Lang. Less. History	Obs'n Less. Writing	Obs'n Less. Writing	Obs'n Less. Writing	Obs'n Less. Writing
10.00-11.00	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading
11.00-12.00	Spelling Lang. Less.	Spelling Lang. Less.	Spelling Lang. Less.	Reading Lang. Less.	Writing Lang. Less.	Calisthenics Writing	Spelling Writing	History Lang. Less.	History Lang. Less.	History Lang. Less.
2.00-3.00	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History
3.00-4.00	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing

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## FRIDAY

Time	Reading	Reading	Drawing	Lang. Less.	Reading	Reading	Reading	Reading	Reading	Reading
8.00-9.00	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
9.00-10.00	Spelling Writing	Spelling Writing	Spelling Writing	Spelling Writing	Obs'n Less. Writing	Obs'n Less. Writing	Obs'n Less. Writing	Obs'n Less. Writing	Obs'n Less. Writing	Obs'n Less. Writing
10.00-11.00	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading	Recess Reading
11.00-12.00	History Lang. Less.	History Lang. Less.	History Lang. Less.	History Lang. Less.	History Lang. Less.	History Lang. Less.	History Lang. Less.	History Lang. Less.	History Lang. Less.	History Lang. Less.
2.00-3.00	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History	Arithmetic History
3.00-4.00	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music	Spelling Music

DAYS	HOURS	FIRST GRADE—CLASSES			SECOND GRADE—CLASSES			THIRD GRADE—CLASSES			FOURTH GRADE—CLASSES		
		8 <sup>00</sup>	8 <sup>30</sup>	9 <sup>00</sup>	9 <sup>30</sup>	10 <sup>00</sup>	10 <sup>30</sup>	11 <sup>00</sup>	11 <sup>30</sup>	12 <sup>00</sup>	12 <sup>30</sup>	1 <sup>00</sup>	1 <sup>30</sup>
MONDAY	8.00-9.00	Chapel Arithmetic	Chapel Arithmetic	Chapel Lang. Less. Obs'n Less.	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Lang. Less.	Chapel Arithmetic	Chapel Mech. <sup>1</sup> Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
	9.00-10.00	Obs'n Less. Geography	Obs'n Less. Geography	Writing and Reading	Geography Mech. <sup>1</sup>	Elocution <sup>1</sup> Obs'n Less. Geography	Geography Mech. <sup>1</sup>	Writing and Reading	Obs'n Less. Geography	Mech. <sup>1</sup> Writing and Reading	Elocution <sup>1</sup> Lang. Less. or Reading	Obs'n Less. Misc.	Obs'n Less. Misc.
	10.00-11.00	Recess Reading Mech. <sup>1</sup>	Recess Mech. <sup>1</sup> Lang. Less.	Recess Arithmetic Mech. <sup>1</sup>	Recess Spelling Arithmetic	Recess Spelling Arithmetic	Recess Spelling Arithmetic	Recess Arithmetic	Recess Mech. <sup>1</sup> Lang. Less.	Recess Arithmetic	Recess Obs'n Less.	Recess Geography	Recess Geography
	11.00-12.00	Writing Lang. Less. Mech. <sup>1</sup>	Writing and Reading	Mech. <sup>1</sup> Geography	Geography Misc.	Geography Misc.	Writing and Lang. Less.	Writing and Reading	Mech. <sup>1</sup> Writing and Reading	Obs'n Less. Geography	Geography Char. Less.	Spelling Char. Less.	Mech. <sup>1</sup> Writing and Lang. Less.
	2.00-3.00	Arithmetic Geography Music	Arithmetic Music Geography	Mech. <sup>1</sup> Arithmetic Geography	Writing and Lang. Less.	Mech. <sup>1</sup> Writing and Lang. Less.	Drawing	Arithmetic Geography	Mech. <sup>1</sup> Arithmetic Geography	Obs'n Less. Geography	Mech. <sup>1</sup> Writing and Lang. Less.	Mech. <sup>1</sup> Writing and Lang. Less.	Mech. <sup>1</sup> Writing and Lang. Less.
TUESDAY	3.00-4.00	Spelling Char. Less.	Spelling Char. Less.	Spelling Char. Less.	Obs'n Less. Reading	Mech. <sup>1</sup> Reading	Geography Spelling	Mech. <sup>1</sup> Spelling Misc.	Drawing	Spelling Misc.	Mech. <sup>1</sup> Reading	Mech. <sup>1</sup> Reading	Mech. <sup>1</sup> Reading
	8.00-9.00	Chapel Lang. Less.	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Arithmetic	Chapel Lang. Less.	Chapel Arithmetic	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Mech. <sup>1</sup> Lang. Less.	Chapel Spelling Geography	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
	9.00-10.00	Writing and Reading	Geography Mech. <sup>1</sup>	Obs'n Less. Geography	Elocution <sup>1</sup> Writing and Reading	Obs'n Less. Geography	Geography Mech. <sup>1</sup>	Geography Mech. <sup>1</sup>	Mech. <sup>1</sup> Writing and Reading	Elocution <sup>1</sup> Lang. Less. or Reading	Obs'n Less. Misc.	Obs'n Less. Misc.	Obs'n Less. Misc.
	10.00-11.00	Recess Arithmetic	Recess Reading Spelling	Recess Lang. Less.	Recess Arithmetic Mech. <sup>1</sup>	Recess Arithmetic Mech. <sup>1</sup>	Recess Spelling Arithmetic	Recess Obs'n Less. Lang. Less.	Recess Arithmetic	Recess Mech. <sup>1</sup> Lang. Less.	Recess Geography	Recess Geography	Recess Obs'n Less.
	11.00-12.00	Obs'n Less. Geography	Writing Lang. Less.	Writing and Reading	Geography Mech. <sup>1</sup>	Geography Mech. <sup>1</sup>	Geography Reading	Writing and Reading	Obs'n Less. Geography	Mech. <sup>1</sup> Writing and Reading	Spelling Char. Less.	Drawing	Mech. <sup>1</sup> Writing and Lang. Less.
WEDNESDAY	2.00-3.00	Arithmetic Geography Mech. <sup>1</sup>	Arithmetic Geography Obs'n Less.	Arithmetic Geography Mech. <sup>1</sup>	Drawing	Lang. Less. Spelling	Lang. Less.	Arithmetic Geography	Arithmetic Spelling	Arithmetic	Mech. <sup>1</sup> Writing and Lang. Less.	Mech. <sup>1</sup> Writing and Lang. Less.	Mech. <sup>1</sup> Writing and Lang. Less.
	3.00-4.00	Spelling Misc. Mech. <sup>1</sup>	Drawing	Misc. Mech. <sup>1</sup>	Arithmetic Geography	Writing and Reading	Writing and Reading	Spelling Char. Less.	Geography Char. Less.	Geography Char. Less.	Mech. <sup>1</sup> Reading	Mech. <sup>1</sup> Reading	Mech. <sup>1</sup> Reading
	8.00-9.00	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Mech. <sup>1</sup> Lang. Less.	Chapel Arithmetic	Chapel Arithmetic Mech. <sup>1</sup>	Chapel Arithmetic	Chapel Mech. <sup>1</sup> Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
	9.00-10.00	Music	Music	Music	History	Mech. <sup>1</sup> Lang. Less.	Elocution <sup>1</sup> History	Geography Misc.	Geography	Chapel Mech. <sup>1</sup> Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
	10.00-11.00	Recess	Recess	Recess	Recess	Recess	Recess	Recess	Recess	Recess	Recess	Recess	Recess

11.00-12.00	Writing and Reading	History Geography	History Geography	Mech. <sup>1</sup> Writing and Reading	Mech. <sup>1</sup> Writing and Reading	Spelling Elocution <sup>1</sup> Lang. Less. or Reading	Lang. Less. Mech. <sup>1</sup> Writing and Reading	Arithmetic	Obs'n Less. Geography	History Spelling	Geography
2.00-3.00	History Geography	History Geography	Mech. <sup>1</sup> Lang. Less.	Arithmetic History	Arithmetic History	Writing and Lang. Less.	Elocution <sup>1</sup> Lang. Less. or Reading	Spelling History	Mech. <sup>1</sup> Writing and Lang. Less.	Mech. <sup>1</sup> Writing and Lang. Less.	Mech. <sup>1</sup> Writing and Lang. Less.
3.00-4.00	Spelling Music	Spelling Music	Mech. <sup>1</sup> Writing and Reading	Geography Char. Less.	Geography Char. Less.	Reading	Elocution <sup>2</sup> Lang. Less. or Reading	Drawing	Mech. <sup>1</sup> Reading	Mech. <sup>1</sup> Reading	Mech. <sup>1</sup> Reading
8.00-9.00	Chapel Arithmetic	Chapel Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Mech. <sup>2</sup> Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
9.00-10.00	Spelling History	Writing and Reading	Spelling History Mech. <sup>2</sup>	Elocution <sup>2</sup> Obs'n Less. History	Elocution <sup>2</sup> Obs'n Less. History	History Mech. <sup>2</sup>	Mech. <sup>2</sup> Writing and Reading	Obs'n Less. History	Obs'n Less. Misc.	Obs'n Less. Misc.	Elocution <sup>1</sup> Lang. Less. or Reading
10.00-11.00	Recess Mech. <sup>2</sup> Lang. Less.	Recess Arithmetic	Recess Lang. Less.	Recess Spelling Geography	Recess Spelling Geography	Recess Lang. Less.	Recess Arithmetic	Recess Lang. Less.	Recess History	Recess History	Recess History
11.00-12.00	Mech. <sup>2</sup> Writing and Reading	History Spelling	Reading Misc.	History Geography	History Geography	Reading	Mech. <sup>2</sup> Writing and Reading	Mech. <sup>2</sup> Writing and Reading	Arithmetic Spelling	Arithmetic Spelling	Arithmetic Spelling
2.00-3.00	Drawing	History Char. Less. Mech. <sup>2</sup>	Writing History	Mech. <sup>2</sup> Lang. Less.	Mech. <sup>2</sup> Lang. Less.	History	Arithmetic History	Arithmetic History	Mech. <sup>2</sup> Lang. Less.	Mech. <sup>2</sup> Lang. Less.	Mech. <sup>2</sup> Lang. Less.
3.00-4.00	History Char. Less.	Mech. <sup>2</sup> Geography	Drawing	Mech. <sup>2</sup> Writing and Reading	Mech. <sup>2</sup> Writing and Reading	Writing and Misc.	Spelling Misc.	Spelling Char. Less.	Mech. <sup>2</sup> Writing and Reading	Mech. <sup>2</sup> Writing and Reading	Mech. <sup>2</sup> Writing and Reading
8.00-9.00	Chapel Arithmetic Mech.	Chapel Arithmetic	Chapel Mech. or Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Mech. or Lang. Less.	Chapel Mech. or Lang. Less.	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic	Chapel Arithmetic
9.00-10.00	Obs'n Less. History Mech.	Obs'n Less. History	Mech. or Writing and Reading	Obs'n Less. History	Obs'n Less. History	Mech. or Writing and Reading	Mech. or Writing and Reading	Elocution <sup>2</sup> Lang. Less. or Reading	History Misc.	History Misc.	Obs'n Less. Misc.
10.00-11.00	Recess Lang. Less.	Recess Spelling History	Recess Arithmetic	Recess Lang. Less. Mech.	Recess Lang. Less. Mech.	Recess Lang. Less.	Recess Arithmetic	Recess Spelling History	Recess Mech. or Lang. Less.	Recess Mech. or Lang. Less.	Recess Mech. or Lang. Less.
11.00-12.00	Writing and Reading	Arithmetic Char. Less.	Obs'n Less. History	Writing Reading Mech.	Writing Reading Mech.	Writing and Reading	Spelling History	Spelling History	Mech. or Writing and Reading	Mech. or Writing and Reading	Mech. or Writing and Reading
2.00-3.00	Arithmetic History	Mech. or Writing and Lang. Less.	Arithmetic History	Writing and Lang. Less. Mech.	Writing and Lang. Less. Mech.	Drawing	Arithmetic History	Arithmetic History	Spelling Char. Less.	Spelling Char. Less.	History Spelling
3.00-4.00	Spelling Music	Mech. or Reading	Spelling Misc.	Char. Less. Misc.	Char. Less. Misc.	Reading	Char. Less. Misc.	History Char. Less.	Mech. or Reading	Mech. or Reading	Char. Less. Misc.

## Schedule of Recitations, Girard College, 1900.

## FOURTH SCHOOL.

DEPARTMENTS	MONDAY						TUESDAY						WEDNESDAY						
	8.10 to 8.50	8.50 to 9.30	9.30 to 10.10	10.25 to 11.10	11.10 to 11.55	2.00 to 2.55	8.10 to 8.50	8.50 to 9.30	9.30 to 10.10	10.30 to 11.10	11.10 to 11.55	2.00 to 2.55	8.10 to 8.50	8.50 to 9.30	9.30 to 10.10	10.25 to 11.10	11.10 to 11.55	2.00 to 2.55	
Mechanics		4.4		4.1 <sup>s</sup>	4.1 <sup>s</sup>	4.1 <sup>s</sup>					4.1 <sup>s</sup>	4.1 <sup>s</sup>	4.3			4.1 <sup>s</sup>	4.6 4.1 <sup>s</sup>	4.2	
Business Course	4.1 <sup>s</sup>	4.5	4.3	4.4	4.4	4.1 <sup>s</sup>	4.1 <sup>s</sup>	4.5	4.3	4.4	4.4	4.1 <sup>s</sup>	4.3	4.1 <sup>s</sup>	4.5	4.3	4.4	4.1 <sup>s</sup>	4.2
Mathematics	4.3		4.1	4.2	4.5	4.2 4.5	4.3	4.4	4.1	4.2	4.5	4.2 4.5	4.6	4.3	4.4	4.2	4.5	4.5	
Natural History	4.1 <sup>s</sup>	4.2	4.6	4.1 <sup>s</sup>	4.1 <sup>s</sup>	4.3	4.1 <sup>s</sup>	4.2	4.6	4.1 <sup>s</sup>	4.1 <sup>s</sup>	4.4	4.4	4.1 <sup>s</sup>	4.2	4.6	4.1 <sup>s</sup>	4.3	4.4
English & History		4.1	4.2	4.5	4.3	4.6	4.4	4.1	4.2	4.5	4.3	4.6	4.1 <sup>s</sup>	4.1	4.2	4.5	4.3		4.1 <sup>s</sup>
Chem. & Physics	4.6	4.3	4.5	4.6	4.6	4.4	4.6	4.3	4.5	4.6	4.6	4.4		4.3	4.5	4.6	4.6	4.4	4.3
French	4.5	4.6					4.5	4.6	4.4					4.5	4.6				
Spanish			4.3	4.2						4.3	4.3					4.3	4.2		
Elocution	4.2						4.3									4.2			
Shorthand						4.5							4.5						4.5

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## Schedule of Recitations, Girard College, 1900.—Continued.

## FOURTH SCHOOL.

DEPARTMENTS	THURSDAY					FRIDAY					SATURDAY		
	8.10 4.50 8.50	8.50 4.50 9.50	9.50 10.10 10.10	10.25 10.40 11.10	11.10 11.25 11.55	2.55 4.50 8.55	8.10 4.50 9.50	9.50 10.10 11.10	10.25 10.40 11.10	11.10 11.25 11.55	2.55 4.50 8.55	8.10 4.50 9.50	9.50 10.10 10.10
Mechanics				4.5	4.1 <sup>s</sup>	4.4	4.1 <sup>s</sup>		4.1 <sup>s</sup>	4.1 <sup>s</sup>		4.2	4.3 4.5 4.6
Business Course	4.1 <sup>s</sup>	4.5	4.8	4.4	4.4	4.1 <sup>s</sup>	4.1 <sup>s</sup>	4.8	4.4	4.4	4.2	4.1 <sup>s</sup>	
Mathematics	4.8	4.4	4.1	4.2		4.2 4.5	4.8	4.4	4.1	4.2	4.5 4.6		4.4
Natural History	4.1 <sup>s</sup>	4.2	4.6	4.1 <sup>s</sup>	4.1 <sup>s</sup>	4.8	4.1 <sup>s</sup>	4.2	4.6	4.1 <sup>s</sup>	4.8	4.1 <sup>s</sup>	
English & History	4.4	4.1	4.2		4.8	4.6	4.4	4.1	4.2	4.5	4.6	4.4	4.1
Chem. & Physics	4.6	4.8	4.5	4.6	4.6	4.8	4.6	4.8	4.5	4.6	4.4		
French	4.5	4.6	4.4				4.5	4.6	4.4				4.4
Spanish				4.8	4.2				4.8	4.2			
Elocution	4.2						4.2						
Shorthand						4.5							4.5





## APPENDIX E.

### REPORT OF THE SUPERINTENDENT OF ADMISSION AND INDENTURES,

### GIRARD COLLEGE.

PHILADELPHIA, December 31st, 1899.

*To the Committee on Admission, Discipline, and Discharge :*

GENTLEMEN :—I herewith submit a summary of my journal during the year 1899 :—

Pupils admitted . . . . . 193

Pupils dismissed :

College indentures canceled—

To accept positions . . . . . 177

On mother's plea of ability to support 8

Given up to mother . . . . . 1

Names stricken from the rolls . . . . . 2

Malconduct . . . . . 4

— 192

Bound out . . . . . 2

Eighteen years of age . . . . . 1

Dismissed . . . . . 5

— 8

Died . . . . . 2

Total . . . . . 202

A report of all pupils who were honorably discharged from the College during the years—

1894 . . . . .	373
1895 . . . . .	166
1896 . . . . .	145
1897 . . . . .	169
1898 . . . . .	236
	<hr/>
	1089
	<hr/>

in number, is as follows :—

Employed, report favorable . . . . .	957
“ “ fair . . . . .	14
“ “ unfavorable . . . . .	12
	<hr/>
	983
Unemployed, report favorable . . . . .	46
“ “ fair . . . . .	1
“ “ unfavorable . . . . .	5
	<hr/>
	52
In other institutions . . . . .	4
Died . . . . .	22
No report . . . . .	28
	<hr/>
	1089
	<hr/>

So far as the comparative success in life of the Girard College pupil is concerned, the same general rules obtain as with the one who has been educated elsewhere.

Integrity, ability, ambition, perseverance, and self-denial are the watchwords that, when so blended as to form the dominating principle of his 'career, find him in the enjoyment of excellent prospects, in some cases, even, before he has attained to man's estate.

A member of an enterprising firm on Arch Street recently remarked : “The trouble with many of the young men in our store is failure to put *heart* in their work ; they are more given to contention among themselves concerning their individual duties than to interests of more vital importance.”

In very many instances when a College lad of fifteen or over is asked to state his preference as to an occupation, he replies, “I

would like to enter an office, or some wholesale house, with an opportunity to advance myself." But, as too often happens, such boys are not fitted for a clerical or mercantile position, and had far better choose some form of handicraft.

A young man, a former pupil, now well advanced in his twenty-first year, wrote to me a few days since as follows: "In your next address to the pupils of the College, please impress on their memory the great importance of a good mechanical education, for that is the main source of earning a livelihood at the present time." Five years ago he would probably have expressed views that were entirely different from those now entertained.

A graduate of the College possessing an adequate acquaintance with shorthand, combined with a fair knowledge of bookkeeping and accounts, or one who has had the fortune to master some mechanical pursuit not too limited in scope, has, usually, no difficulty in obtaining remunerative employment; but when a boy allows himself to arrive at maturity with the ability only to drive a horse or wrap a parcel in a "department" store, his outlook is by no means promising.

It is interesting to note, also, the distances to which those under consideration in the present report have become scattered, in the course of five or six years, viz.: One has gone to Canada, one to South Carolina, another to Indian Territory; one is in Idaho, one in New Mexico, one in Santiago de Cuba, two in Manchester, England, one in Berlin, Germany, and one in Honolulu, S. I. Some are soldiers at Manila or elsewhere, and others, still, are on the sea or at whatever port they may have been carried by the warships of their country.

The various occupations are as follows:—

Baker . . . . .	6	<i>Brought forward</i> . . .	26
Barber . . . . .	1	Brakeman . . . . .	2
Blacksmith . . . . .	3	Brassworker . . . . .	1
Boilermaker . . . . .	2	Bricklayer . . . . .	1
Bolt works . . . . .	3	Brick works . . . . .	1
Bookbinder . . . . .	2	Bridge builder . . . . .	1
Box factory . . . . .	9	Butcher . . . . .	4
<i>Carried forward</i> . .	26	<i>Carried forward</i> . .	36

<i>Brought forward</i> . . . . .	36	<i>Brought forward</i> . . . . .	374
Cabinetmaker . . . . .	2	Drug factory . . . . .	6
Candy factory . . . . .	5	Druggist . . . . .	8
Canvasser . . . . .	2	Dyer . . . . .	4
Car cleaner . . . . .	1	Ecclesiastic . . . . .	1
Carder . . . . .	1	Electrician . . . . .	21
Car factory . . . . .	3	Electroplater . . . . .	1
Carpenter (house) . . . . .	7	Electrotyper . . . . .	1
" (ship) . . . . .	1	Elevator boy . . . . .	6
Cashier . . . . .	3	Embosser . . . . .	1
Chemical laboratory . . . . .	2	Emerywheel factory . . . . .	1
Chocolate factory . . . . .	2	Engineer (civil) . . . . .	4
Chore boy . . . . .	5	" (mechanical) . . . . .	1
Clerk . . . . .	237	" (stationary) . . . . .	4
Coach factory . . . . .	2	Engraver . . . . .	2
Coachman . . . . .	1	Errand boy . . . . .	7
Coach painter . . . . .	3	Expressman . . . . .	2
Cocoanut sheller . . . . .	1	Farmer . . . . .	17
Coffee roaster . . . . .	1	File factory . . . . .	3
Collector . . . . .	2	Finisher (brass) . . . . .	1
Colliery . . . . .	11	" (cloth) . . . . .	3
Comb factory . . . . .	1	" (iron) . . . . .	1
Commission merchant . . . . .	1	Fireman . . . . .	1
Conductor . . . . .	4	Floorwalker . . . . .	1
Conveyancer . . . . .	1	Florist . . . . .	1
Coremaker . . . . .	2	Foreman . . . . .	3
Cornice maker . . . . .	1	Furniture factory . . . . .	1
Correspondent . . . . .	1	Galvanizer . . . . .	1
Crew caller . . . . .	1	Glassblower . . . . .	1
Cutter (clothing) . . . . .	1	Glass factory . . . . .	1
" (rubber) . . . . .	1	Grocer . . . . .	1
" (shoe) . . . . .	2	Hardware manufactory . . . . .	1
" (stone) . . . . .	2	Harness maker . . . . .	1
Dental supplies factory . . . . .	5	Hat factory . . . . .	5
Designer . . . . .	1	Horseshoer . . . . .	1
Draughtsman . . . . .	7	Hosiery factory . . . . .	1
Driver . . . . .	15	Huckster . . . . .	1
<i>Carried forward</i> . . . . .	374	<i>Carried forward</i> . . . . .	490

<i>Brought forward</i> .	490	<i>Brought forward</i> .	684
Ice wagon . . . . .	3	Planing mill . . . . .	1
Instrument manufactory .	2	Plumber . . . . .	9
Iron worker . . . . .	1	Pocketbook manufactory,	1
Japanner . . . . .	1	Polisher . . . . .	1
Jeweler . . . . .	1	Printer . . . . .	22
Laborer . . . . .	9	Printer (plate) . . . . .	3
Lampighter . . . . .	1	" (solar) . . . . .	1
Laundry . . . . .	1	Purchaser . . . . .	1
Lawyer . . . . .	1	Quarryman . . . . .	2
Leather factory . . . . .	10	Reporter . . . . .	2
Leather worker . . . . .	2	Restaurant . . . . .	4
Locksmith . . . . .	1	Rolling mill . . . . .	3
Machinist . . . . .	67	Roundhouse . . . . .	1
Manager . . . . .	5	Rubber factory . . . . .	1
Messenger . . . . .	3	Salesman . . . . .	40
Metallic roofer . . . . .	1	Saw factory . . . . .	3
Metal spinner . . . . .	2	Sawmill . . . . .	1
Meter factory . . . . .	4	Scales factory . . . . .	2
Milkman . . . . .	7	Segar maker . . . . .	5
Mill boy . . . . .	23	Sewing machine repairer,	1
Miller . . . . .	1	Sexton . . . . .	1
Moulder . . . . .	5	Sheet-iron worker . . . . .	1
Musician . . . . .	2	Ship cementer . . . . .	1
Nurse (U. S. Army) . . .	1	Ship fitter . . . . .	1
Office boy . . . . .	9	Ship joiner . . . . .	1
Oilcloth factory . . . . .	2	Shipper . . . . .	1
Oil works . . . . .	1	Shirt factory . . . . .	1
Optician . . . . .	1	Shoe factory . . . . .	7
Overseer . . . . .	1	Silversmith . . . . .	1
Packer . . . . .	5	Solicitor (canvasser) . . .	1
Painter . . . . .	2	Spinner . . . . .	1
Paint factory . . . . .	2	Spring factory . . . . .	2
Paper hanger . . . . .	7	Steam fitter . . . . .	3
Paper mill . . . . .	5	Steel works . . . . .	2
Pattern maker . . . . .	4	Stenographer . . . . .	41
Physician . . . . .	1	Stockkeeper . . . . .	12
<i>Carried forward</i> . .	684	<i>Carried forward</i> . .	865

<i>Brought forward</i> . . . . .	865	<i>Brought forward</i> . . . . .	913
Store boy . . . . .	9	Umbrella factory . . . . .	1
Student (civil engineer) . . . . .	2	Undertaker . . . . .	1
“ (divinity) . . . . .	3	Upholsterer . . . . .	1
“ (law) . . . . .	1	U. S. Army . . . . .	32
“ (medicine) . . . . .	2	U. S. Navy . . . . .	7
“ (school) . . . . .	13	Wagon boy . . . . .	3
Surveyor . . . . .	1	Watch case factory . . . . .	3
Switch works . . . . .	1	Waterman . . . . .	1
Tailor . . . . .	1	Weigher . . . . .	1
Tannery . . . . .	3	Weaver . . . . .	13
Teacher . . . . .	1	Wheel factory . . . . .	1
Telegraph operator . . . . .	4	Williamson School . . . . .	2
Tile manufacturer . . . . .	1	Wire worker . . . . .	1
Tile setter . . . . .	1	Wood carver . . . . .	1
Tinsmith . . . . .	4	Wrapper . . . . .	2
Toy factory . . . . .	1		983
<i>Carried forward</i> . . . . .	913		

Very respectfully yours,

JOHN S. BOYD,

*Superintendent of Admission and Indentures.*

## APPENDIX F.

# WILLS HOSPITAL AND MINOR TRUSTS.

SUPERINTENDENT,

GEORGE E. KIRKPATRICK,

Stephen Girard Building, Philadelphia.

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WILLS HOSPITAL.

(For list of officers of the Wills Hospital, see Appendix G.)

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MARY SHIELDS ALMSHOUSE FUND.

W. H. WALLACE, M. D., *Visiting Physician,*

103 North Thirty-fifth Street, Philadelphia.

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BOUDINOT ESTATE, CENTRE COUNTY.

GEORGE R. BOAK, *Agent,*

Pine Glen, Centre Co., Pa.

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# WILLS HOSPITAL AND MINOR TRUSTS.

## SUPERINTENDENT'S REPORT FOR 1899.

*To the Board of Directors of City Trusts.*

GENTLEMEN:—At this date the number of separate funds under the care of your Committee on Wills Hospital and Minor Trusts remains as reported one year ago—thirty-five. Their aggregate capital is now \$1,291,010.53, of which all but \$64.19 is invested in real estate, stocks and bonds.

The total income collected during the year was	\$52,163 25	
Receipts from legacies, donations, &c. . . . .	14,354 25	
Principal of investments collected . . . . .	85,795 00	
and the cash balance, January 1st, 1899, . . . . .	28,711 03	
		\$181,023 53

Which has been expended for:—

Maintenance of Wills Hospital . . . . .	\$17,568 81	
Relief of the sick and insane poor at the Alms-house . . . . .	5,039 89	
Fuel distributed to the poor . . . . .	8,898 12	
Food distributed to the poor . . . . .	924 50	
Books for the public schools and the House of Correction, and annuity to Southwark Library Company . . . . .	966 17	
Medals and premiums awarded to inventors and to graduates of the public schools . . . . .	342 60	
Simon Muhr Scholarships . . . . .	1,605 00	
Taxes, repairs, and other expenses of real estate, . . . . .	1,865 45	
Miscellaneous expenses . . . . .	1,616 62	
Premiums and expenses of investment . . . . .	4,647 54	
Investments . . . . .	119,850 00	
		163,324 70
Cash balance, December 31st, 1899, . . . . .		\$17,698 83

At the WILLS HOSPITAL 13,749 patients were admitted for treatment, 646 in the wards and 13,103 in the clinics. The average number of patients supported in the wards was 41.

The legacies and cash donations received during the year 1899 amounted to \$354.25, made up as follows :

Estate of George S. Pepper . . . . .	\$300 00
Estate of Mary M. Colhoun . . . . .	26 25
John Crown . . . . .	5 00
F. H. Disch . . . . .	5 00
Katie Kutteroff . . . . .	1 00
Margaret Hanlon . . . . .	5 00
Margaret Keefe . . . . .	5 00
S. A. Bell . . . . .	5 00
Sundry Donors . . . . .	2 00
	<hr/>
	\$354 25

The legacy of \$300 was the sixth instalment from the estate of George S. Pepper, deceased, making a total of \$15,500 received from that estate.

The following gifts were also received :—

Holy Trinity Flower Mission . . .	Cut flowers every Friday.
Dr. Jackson . . . . .	Book—Diseases of the Eye.
Miss Wilson . . . . .	Christmas cards and flowers.
Mrs. E. Oakford . . . . .	Six shawls.
H. C. Boden & Company . . . .	20 quarts of ice cream. 15 pounds of cake.
Mrs. Muse . . . . .	3 turkeys.
George W. Killian . . . . .	1 turkey.
George Stang . . . . .	16 tongues.
Mrs. Barrow . . . . .	2 barrels of apples. 1 box oranges.
Mrs. Bullitt . . . . .	5 pounds of candy. Oranges.
John Rubison . . . . .	1 cake.

Dr. Burton K. Chance has been appointed Assistant Surgeon at the Wills Hospital, to serve under Dr. P. N. K. Schwenk, taking the place of Dr. T. E. Conard, resigned.

The appointees as Resident Surgeon at the Wills Hospital were Dr. Charles Lukens and Dr. Walter Bair Weidler.

Further details of the work at the Wills Hospital will be found in Appendix G.

The net income of the JOHN BLEAKLEY YELLOW FEVER FUND amounted to \$671.66, and has been applied toward the maintenance of the Wills Hospital.

From the income of the MARY SHIELDS ALMSHOUSE FUND \$5,039.89 has been expended in the usual manner, to "relieve and make more comfortable the sick and insane poor at the Almshouse."

Of the income of the JULIANA H. GOOD FUND, \$100 has been expended in the purchase of fifty additional library books and two hundred and fifty-nine hymn books for use in the House of Correction, and \$566.17 has been expended from the income of the STEPHEN GIRARD SCHOOL FUND, \$499.62 in the purchase of five hundred and eighty volumes for the libraries of the public schools, and \$66.55 in library stationary for the Keystone Grammar School, all within the district prescribed by Mr. Girard. The books were distributed as follows :—

Northeast Grammar School . . .	131 volumes	\$100 00
Locust Street Grammar School . .	113 "	100 00
Northwest Grammar School . . .	101 "	99 93
Horace Binney Grammar School .	127 "	100 00
U. S. Grant School . . . . .	108 "	99 69
	<u>580</u>	<u>\$499 62</u>

Fourteen thousand dollars was received during the year as an addition to the Capital Fund of the SIMON MUHR LEGACY, being the allotment to the Scholarship Fund in the third distribution made by the executors of the will of Simon Muhr, deceased.

Two new scholarships have been awarded :—

To Edward I. Nathans, for a course in Arts and Sciences at the University of Pennsylvania, to cover the period from January 1st, 1900, to September 15th, 1902, at \$400 per annum,

To Adeline H. Jacobs, for a course in Biology, at the University of Pennsylvania, to cover the period from January 1st, 1900, to September 15th, 1900, at \$400 per annum.

The JOHN SCOTT MEDALS AND PREMIUMS have been awarded, upon the recommendation of the Franklin Institute, to :—

B. C. Batcheller, of Philadelphia, for his "Pneumatic Dispatch Tube Apparatus."

Albert Sexton, of Philadelphia, for his "Omnimetre."

Edward A. Uehling and Alfred Steinbart, of Carlstadt, N. J., for their "Gas Composimeter."

Edwin R. Fellows, of Springfield, Vermont, for his "Machine and Cutter for Generating Gear Teeth."

At the commencement exercises of the Girls' High School, held on June 14th, 1899, the HANNAH M. DODD MEDALS were awarded as follows:—

#### GOLD MEDALS.

Classical Course, to Miss Margaret E. Brusstar,  
General " " " Helen M. Euston,  
Commercial " " " Káthleen M. Proctor.

#### SILVER MEDALS.

Classical Course, to Miss Mary C. Burns,  
General " " " Helen M. Lowengrund,  
Commercial " " " Theresa J. Strickler.

No loans have been made during the year from the funds provided by DR. BENJAMIN FRANKLIN and MR. JOHN SCOTT.

The assets of the BENJAMIN FRANKLIN FUND now amount to \$130,146.14, of which \$99,348.20 is applicable to the erection of the proposed Art Gallery in Fairmount Park.

Under the terms of the wills creating the various FUEL FUNDS, 2133 tons of coal have been distributed, at a cost to the trust funds of \$8,898.12, as follows:—

Fund.	Tons.	Cost.
George Emlen . . . . .	68	\$318 24
City . . . . .	71½	317 46
James Dutton . . . . .	55	257 40
Elias Boudinot . . . . .	205	500 20
Stephen Girard . . . . .	80½	357 42
Esther Waters . . . . .	105½	468 42
Paul Beck . . . . .	101	448 44
Spring Garden . . . . .	33½	156 78
Thomas D. Grover . . . . .	1122	4,712 40
J. J. Snyder . . . . .	145½	676 26
Mary Shields . . . . .	59½	282 62
Seybert . . . . .	86	402 48
Total . . . . .	2133	\$8,898 12

The annuity of \$300 devised by Mr. THOMAS D. GROVER to the Southwark Library Company has been paid.

The incomes of the PAUL BECK SOUP FUND, the ANDREW R. CHAMBERS FUND, and the SAMUEL SCOTTEN FUND, and the specific bequest provided in the will of THOMAS D. GROVER have been distributed to the various Soup Societies, as directed by the creators of the trusts. The sums received by the Societies were:—

Central Soup Society . . . . .	\$12 50
Northern Soup Society . . . . .	12 50
Kensington Soup Society . . . . .	12 50
Moyamensing Soup Society . . . . .	12 50
Northwestern Soup Society . . . . .	12 50
Spring Garden Soup Society . . . . .	12 50
Southwark Soup Society . . . . .	318 50
Western Soup Society . . . . .	268 50
Philadelphia Soup Society . . . . .	262 50
Total . . . . .	<u>\$924 50</u>

In May last the BOUDINOT ESTATE suffered a most serious loss, fire having, in spite of every precaution, entered upon the property, and before it could be checked, having overrun 2300 acres, destroying all the young timber and entailing a loss which may be conservatively estimated at \$3000. This failure of our efforts to protect, was the result of unusual circumstances which we failed to foresee and prepare for, viz., a late, wet Spring suddenly changing to a spell of hot, dry weather. The lateness of the Spring keeping the snow and moisture in the woods, made it impossible to burn the fire roads until after the 1st of May. This work had barely begun, when the sudden hot, dry weather brought the fire upon us from the south and east. The fire road on the northeast was at the time being burnt, but on the south nothing had as yet been done. An effort to fight the fire by hand was made, but assistance was scarce and the rapid advance of the fire made it impossible to send to any distance for help. The fire crossed the line and swept through the young timber, until checked on the west by natural obstacles—the river and the steep ravines—and on the east by the efforts of our wardens, who could here concentrate their efforts upon a line not much over a mile in length—already partly defended by a well-used wagon road—but such checking was not accomplished until the damage mentioned above was done.

In the endeavor to avoid a repetition of this misfortune, it has been determined that hereafter the fire roads shall be burned in the Fall of the year instead of in the Spring, thus affording in the Spring a second opportunity to get this work done if by any accident or unfortunate combination of circumstances the burning in the Fall is not accomplished.

Arrangements have been made to cut and remove the timber standing more or less injured upon the territory over which this fire passed, and—as the one redeeming feature of this unfortunate affair—the prices obtained are better than could have been had for many years past, the price of lumber having recently made a decided advance.

The cost of the general management of the Minor Trusts has amounted in 1899 to \$2609.28, .002065 upon the invested capital.

The large increase in the cost of general management is caused by a change in the accounting, whereby the General Office expenses of the Board of Directors of City Trusts are apportioned among the sundry trust estates in proportion to their invested assets at the beginning of the year under consideration.

This is a much more accurate and equitable method than that heretofore in use, under which the Girard Estate bore much more than its share of the burden.

Statements showing the invested capital, cash receipts, and cash payments of each of the Minor Trusts are appended hereto.

Very respectfully,

GEO. E. KIRKPATRICK,  
*Superintendent Minor City Trusts.*

PHILADELPHIA, December 31st, 1899.



# DETAILED STATEMENT

OF THE

## INVESTED CAPITAL

AT PAR VALUES OF STOCKS AND LOANS

DECEMBER 31st, 1899,

AND

## CASH RECEIPTS AND PAYMENTS

DURING THE YEAR 1899,

OF THE

## MINOR TRUSTS

OF THE

CITY OF PHILADELPHIA.



## HOSPITALS.

## WILLS HOSPITAL.

Founded 1825.

Race Street, west of Eighteenth Street.

"For the relief of the Indigent Blind and Lame," where persons afflicted with the Diseases of the Eye and Limb will be treated free of charge, and, when requisite, admitted into the Hospital; preference being given, under the Will, to persons residing in Philadelphia and its neighborhood.

## Invested Capital, December 31st, 1899.

Hospital grounds and buildings . . . . .	\$150,000 00
Philadelphia City 6 per cent. loan . . . . .	67,600 00
"          4          " . . . . .	35,150 00
"          3½        " . . . . .	24,200 00
Pittsburgh City 7 per cent. loan . . . . .	1,000 00
"          6          " . . . . .	2,300 00
Bonds and mortgages . . . . .	271,100 00
Ground rents . . . . .	2,950 00
	<u>\$554,300 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

## Income:—

Interest Philadelphia City loan . . . . .	\$5,811 00
"    Pittsburgh City loan . . . . .	208 00
"    bonds and mortgages . . . . .	11,994 90
"    bank account . . . . .	45 26
Ground rents . . . . .	156 50
Sale of sundries, at Hospital . . . . .	80 60
Income of yellow fever fund—transferred . . . . .	671 66
	<u>\$18,967 92</u>

## Legacies and donations:—

Estate of George S. Pepper . . . . .	\$300 00
Estate of Mary M. Colhoun . . . . .	26 25
John Crown . . . . .	5 00
F. H. Desch . . . . .	5 00
Katie Kutteroff . . . . .	1 00
Margaret Hanlon . . . . .	5 00
Margaret Keefe . . . . .	5 00
S. A. Bell . . . . .	5 00
Sundry donors . . . . .	2 00
	<u>354 25</u>

*Amount carried forward . . . . .* \$19,322 17

## HOSPITALS.

## WILLS HOSPITAL.

<i>Amount brought forward</i> . . . . .		\$19,322 17
Principal of investments collected :—		
Philadelphia City loan . . . . .	\$400 00	
Bonds and mortgages . . . . .	27,500 00	
		27,900 00
<i>Cash balance, January 1st, 1899</i> . . . . .		3,044 02
		<u>\$50,266 19</u>

## PAYMENTS.

## Maintenance :—

Wages . . . . .	\$4,898 10	
Subsistence . . . . .	6,136 21	
Dry goods . . . . .	207 62	
Furniture . . . . .	362 36	
Sundry house expenses . . . . .	2,779 42	
Library . . . . .	34 00	
Medical expenses . . . . .	1,094 87	
Repairs . . . . .	675 32	
Miscellaneous expenses . . . . .	1,380 91	
		<u>\$17,568 81</u>

## Investments :—

Philadelphia City loan . . . . .	\$8,500 00	
Bonds and mortgages . . . . .	24,000 00	
		32,500 00
Premium and expenses of investments . . . . .	265 62	
		<u>50,334 43</u>
<i>Cash balance, December 31st, 1899 (overdrawn)</i> . . . . .		<u>\$68 24</u>

**HOSPITALS.****JOHN BLEAKLEY FUND.****Created 1802.****(YELLOW FEVER FUND.)**

"To relieve those who may be reduced to the necessity of being placed in the hospital during the existence of yellow fever."

The Income of this Trust is transferred to the use of Wills Hospital, under certain restrictions, by Act of Assembly of Pennsylvania, approved April 16th, 1838.

**Invested Capital, December 31st, 1899.**

Philadelphia City 6 per cent. loan . . . . .	\$10,050 00
" 3½ " . . . . .	2,000 00
" 3 " . . . . .	100 00
Pennsylvania Railroad Company stock (8 shares) . . . . .	400 00
	<u>\$12,550 00</u>

**Cash Receipts and Payments, January 1st to December 31st, 1899.****RECEIPTS.**

Interest City loan . . . . .	\$676 00
Dividend Pennsylvania Railroad Company stock . . . . .	20 00
Interest bank account . . . . .	1 58
	<u>\$697 58</u>

**PAYMENTS.**

Income transferred to Wills Hospital . . . . .	\$671 66
Miscellaneous expenses . . . . .	25 92
	<u>697 58</u>

## HOSPITALS.

## MARY SHIELDS ALMSHOUSE FUND.

Created 1880.

"To relieve and make more comfortable the sick and insane poor at the Almshouse in  
"Philadelphia."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .		\$19,150 00
"          4      " . . . . .		8,500 00
"          3½    " . . . . .		5,700 00
"          3      " . . . . .		2,700 00
Pittsburgh City 4 per cent. loan . . . . .		4,400 00
Allegheny City 4 per cent. loan . . . . .		3,200 00
Pennsylvania State 4 per cent. loan . . . . .		1,200 00
North Carolina State 6 per cent. loan . . . . .		1,000 00
United States 4 per cent. loan . . . . .		300 00
Girard National Bank stock . . . . .	10 shares	400 00
Manufacturers' National Bank stock . . . . .	2 "	200 00
Commercial National Bank stock . . . . .	6 "	90 00
National State Bank of Camden stock . . . . .	7 "	350 00
Pennsylvania Railroad Company stock . . . . .	123 "	6,150 00
North Pennsylvania Railroad Company stock . . . . .	54 "	2,700 00
Lehigh Valley Railroad Company stock . . . . .	53 "	2,650 00
Nesquehoning Valley Railroad Company stock . . . . .	33 "	1,650 00
Delaware and Bound Brook Railroad Company stock . . . . .	8 "	800 00
Lehigh Coal and Navigation Company stock . . . . .	9 "	450 00
Fredericksburg and Gordonsville Railroad Company bond . . . . .		1,000 00
Bonds and mortgages . . . . .		33,050 00
Ground rent, 1338 North Second Street . . . . .		1,333 33
House and lot, 1144 South Sixteenth Street . . . . .		2,400 00
Lot of ground, Edgmont Street . . . . .		500 00
		<u>\$99,873 33</u>

## HOSPITALS.

## MARY SHIELDS ALMSHOUSE FUND.

Cash Receipts and Payments, January 1st to December 31st, 1899.

RECEIPTS.	
Interest Philadelphia City loan . . . . .	\$1,738 00
" Pittsburgh City loan . . . . .	176 00
" United States loan . . . . .	15 00
" Germantown Passenger Ry. Co. bonds, . . . . .	69 00
" bonds and mortgages . . . . .	1,456 00
" bank account . . . . .	40 73
Dividend Girard National Bank stock . . . . .	40 00
" National State Bank of Camden stock, . . . . .	31 75
" Manufacturers' National Bank stock . . . . .	10 00
" Pennsylvania Railroad Company stock, . . . . .	307 50
" North Pennsylvania R. R. Co. stock, . . . . .	216 00
" Nesquehoning Valley R. R. Co. stock, . . . . .	82 50
" Delaware and Bound Brook Railroad . . . . .	
Company stock . . . . .	64 00
" Lehigh Coal and Navigation Company . . . . .	
stock . . . . .	18 00
Ground rent . . . . .	80 00
Rent of real estate . . . . .	240 00
	<u>\$4,584 48</u>
Principles of investments collected:—	
Germantown Passenger Ry. Co. bonds . . . . .	\$1,000 00
Commercial National Bank Stock . . . . .	210 00
	<u>1,210 00</u>
Cash balance, January 1st, 1899 . . . . .	9,285 35
	<u>\$15,079 83</u>
PAYMENTS.	
Salary of visiting physician . . . . .	\$700 00
Furniture, pictures, &c. . . . .	112 67
Books, games, musical instruments, . . . . .	
&c. . . . .	308 43
Amusements . . . . .	931 00
Improvement of diet . . . . .	1,079 35
Material for making mattresses . . . . .	1,908 44
	<u>\$5,039 89</u>
Expenses of real estate . . . . .	\$174 03
Miscellaneous expenses . . . . .	197 77
	<u>371 80</u>
Investments:—	
Philadelphia City loan . . . . .	\$900 00
Pennsylvania State loan . . . . .	1,200 00
Allegheny City loan . . . . .	3,200 00
	<u>5,300 00</u>
Premium and expenses of investment . . . . .	569 42
	<u>11,281 11</u>
Cash balance, December 31st, 1899 . . . . .	<u>\$3,798 72</u>

HOUSE OF CORRECTION AND ALMSHOUSE.

WILLIAM CARTER FUND.

Created 1739.

Income "To and for ye use and Service of ye alms houses belonging to ye sd City  
"(Philadelphia), and for ye relieve of ye poor people in the Same forever."

Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$350 00
" 4 " . . . . .	50 00
" 3½ " . . . . .	50 00
" 3 " . . . . .	600 00
Ground rent . . . . .	74 00
	<u>\$1,124 00</u>

Cash Receipts and Payments, January 1st to December 31st, 1899.

RECEIPTS.

Interest Philadelphia City loan . . . . .	\$42 76
" bank account . . . . .	22
	<u>\$42 98</u>
Cash balance, January 1st, 1899 . . . . .	27 23
	<u>\$70 21</u>

PAYMENTS.

Miscellaneous expenses . . . . .	2 32
Cash balance, December 31st, 1899 . . . . .	<u>\$67 89</u>

## HOUSE OF CORRECTION AND ALMSHOUSE.

## ANN ARMITT FUND.

Created 1797.

" To the Overseers of the poor or the Managers of the Bettering House."

## Invested Capital, December 31st, 1899.

Ground rent, southeast corner Fifth and Plum Streets . . . .	\$300 00
Philadelphia City 3½ per cent. loan . . . . .	100 00
" 4 " . . . . .	50 00
	<u>\$450 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Ground rent . . . . .	\$18 00	
Interest Philadelphia City loan . . . . .	5 50	
Interest bank account . . . . .	08	
	<u>          </u>	\$23 58
<i>Cash balance, January 1st, 1899 . . . . .</i>		14 27
		<u>\$37 85</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	93	
	<u>          </u>	\$36 92
<i>Cash balance, December 31st, 1899 . . . . .</i>		<u>          </u>

HOUSE OF CORRECTION AND ALMSHOUSE.

JULIANA H. GOOD FUND.

Created 1876.

"Toward the maintenance of a House of Correction in said City" (Philadelphia).

Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$1,200 00
" 4 " . . . . .	700 00
" 3½ " . . . . .	100 00
" 3 " . . . . .	1,000 00
	<u>\$3,000 00</u>

Cash Receipts and Payments, January 1st to December 31st, 1899.

RECEIPTS.

Interest Philadelphia City loan . . . . .	\$131 50
Interest bank account . . . . .	31
	<u>\$131 81</u>
Principal of investments collected:—	
Philadelphia City loan . . . . .	200 00
Cash balance, January 1st, 1899 . . . . .	7 00
	<u>\$338 81</u>

PAYMENTS.

Library books for House of Correction . . .	\$100 00
Miscellaneous expenses . . . . .	6 20
	<u>\$106 20</u>
Investments:—	
Philadelphia City loan . . . . .	200 00
Premium and expenses of investment . . . . .	11 50
	<u>317 70</u>
Cash balance, December 31st, 1899 . . . . .	<u>\$21 11</u>



## SCHOOLS.

## ROBERTS SCHOOL FUND.

Created 1763.

"For a Public School for the Instruction of the Children & other Inhabitants of the  
 "said (Bristol) Township, & the Northern Liberty & Oxford Township, or any Meeting  
 "the sd Township shall have Occasion as the said Trustees shall think fit Provided it  
 "dont interfere or interrupt the said School."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$100 00
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## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$6 00	
" bank account . . . . .	95	
		\$6 95
Cash balance, January 1st, 1899 . . . . .		203 20
		\$210 15

## PAYMENTS.

Miscellaneous expenses . . . . .	21
Cash balance, December 31st, 1899 . . . . .	\$209 94

SCHOOLS.

STEPHEN GIRARD SCHOOL FUND.

Created 1831.

"For the use of the schools upon the Lancaster system, in the first section of the first  
"school district of Pennsylvania."

Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$800 00
" 4 " . . . . .	4,200 00
Bonds and mortgages . . . . .	5,000 00
	<u>\$10,000 00</u>

Cash Receipts and Payments, January 1st to December 31st, 1899.

RECEIPTS.

Interest Philadelphia City loan . . . . .	\$214 00
" bonds and mortgages . . . . .	225 00
" bank account . . . . .	1 83
	<u>\$440 83</u>

Principal of investments collected :—

Philadelphia City loan . . . . .	200 00
Cash balance, January 1st, 1899 . . . . .	296 68
	<u>\$937 51</u>

PAYMENTS.

Library books for public schools . . . . .	\$499 62
Library stationery . . . . .	66 55
Miscellaneous expenses . . . . .	20 65
	<u>\$586 82</u>

Investments :—

Philadelphia City loan . . . . .	200 00
Premium and expenses of investment . . . . .	11 50
	<u>798 32</u>
Cash balance, December 31st, 1899 . . . . .	<u>\$139 19</u>

## SCHOOLS.

## RITTENHOUSE SCHOOL FUND.

Created 1839.

Income to be applied "to advance the education of the 'children of the vicinity' of the  
"old Rittenhouse Academy" (Roxborough).

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$500 00
"        4        "        . . . . .	1,000 00
"        3½      "        . . . . .	25 00
"        3        "        . . . . .	2,100 00
Pittsburgh City 4 per cent. loan . . . . .	200 00
	<u>\$3,825 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$133 00	
"    Pittsburgh City loan . . . . .	8 00	
"    bank account . . . . .	<u>7 57</u>	\$148 57
Cash balance, January 1st, 1899 . . . . .		<u>1,574 94</u>
		\$1,723 51

## PAYMENTS.

Miscellaneous expenses . . . . .	\$7 90	
Investments :—		
Philadelphia City loan . . . . .	25 00	
Premium and expenses of investment . . . . .	<u>1 29</u>	34 19
Cash balance, December 31st, 1899 . . . . .		<u>\$1,689 32</u>

## SCHOOLS.

## SIMON MUHR SCHOLARSHIP FUND.

Created 1896.

"For the promotion of the welfare of children attending the Public Schools of the City  
"of Philadelphia."

## Invested Capital, December 31st, 1899.

Allegheny City 4 per cent. loan . . . . .	\$8,800 00
Philadelphia City 3 per cent. loan . . . . .	10,800 00
Bonds and mortgages . . . . .	47,100 00
	<u>\$66,700 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Endowment received from the executors of the will of Simon Muhr . . . . .	\$14,000 00	
Interest Philadelphia City loan . . . . .	1,473 00	
" Allegheny " . . . . .	240 00	
" mortgage loans . . . . .	630 25	
" bank account . . . . .	170 05	
		<u>\$16,513 30</u>
Principal of investments collected :—		
Philadelphia City loan . . . . .	\$40,975 00	
Allegheny " . . . . .	3,200 00	
Pennsylvania State loan . . . . .	4,250 00	
		<u>48,425 00</u>
Premium on bonds sold . . . . .	1,424 64	
Expenses of investment returned . . . . .	10 00	
		<u>\$66,372 94</u>
Cash balance, January 1st, 1899 (overdrawn) . . . .	152 55	
		<u>\$66,220 39</u>

## PAYMENTS.

Scholarships :—		
Harold H. Tryon . . . . .	\$395 00	
Corinne Sickel . . . . .	410 00	
DeWitt D. Barlow . . . . .	400 00	
Hannah T. Rowley . . . . .	400 00	
Miscellaneous expenses . . . . .	109 38	
		<u>\$1,714 38</u>
Investments :—		
Bonds and mortgages . . . . .	\$35,100 00	
Philadelphia City loan . . . . .	10,975 00	
Pennsylvania State loan . . . . .	4,250 00	
Allegheny City loan . . . . .	12,000 00	
		<u>62,325 00</u>
Premium and expenses of investments . . . . .	2,656 67	
		<u>66,696 05</u>
Cash balance, December 31st, 1899 (overdrawn) . . . .	\$475 66	

## MEDALS.

## JOHN SCOTT MEDAL FUND.

Created 1816.

Income to "be laid out in premiums to be distributed among ingenious men and women who make useful inventions; \* \* \* and along with which shall be given a "copper medal."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$15,100 00
" 4 " . . . . .	12,700 00
" 3½ " . . . . .	4,650 00
" 3 " . . . . .	9,900 00
Pittsburgh City 4 per cent. loan . . . . .	1,000 00
Pennsylvania State 4 per cent. loan . . . . .	1,750 00
Allegheny City 4 per cent. loan . . . . .	3,000 00
Allegheny County 5 per cent. loan . . . . .	1,000 00
Bonds and mortgages . . . . .	13,300 00
	<u>\$62,400 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$1,857 00
" Pittsburgh City loan . . . . .	20 00
" Allegheny City loan . . . . .	120 00
" Allegheny County loan . . . . .	50 00
" bonds and mortgages . . . . .	670 25
" bank account . . . . .	6 70
	<u>\$2,723 95</u>
Principal of investment collected:—	
Bond and mortgage . . . . .	2,000 00
Cash balance, January 1st, 1899 . . . . .	171 27

## PAYMENTS.

Premiums paid to inventors . . . . .	\$80 00
Advertising, engraving cases, &c. . . . .	220 60
Miscellaneous expenses . . . . .	126 18
	<u>\$426 78</u>
Investments:—	
Philadelphia City loan . . . . .	\$550 00
Pittsburgh City loan . . . . .	1,000 00
Pennsylvania State loan . . . . .	1,750 00
	<u>3,300 00</u>
Premium and expenses of investments . . . . .	353 43
	<u>4,080 21</u>
Cash balance, December 31st, 1899 . . . . .	<u>\$815 01</u>

## MEDALS.

## HANNAH MATILDA DODD FUND.

Created 1872.

Income "to procure gold and silver medals to be presented to the most distinguished graduate of the Girls' High School, with their name and year of graduating engraved thereon."

Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . . \$1,100 00

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$66 00	
" bank account . . . . .	96	\$66 96
<i>Cash balance, January 1st, 1899 . . . . .</i>		<u>183 06</u>

## PAYMENTS.

Medals and engraving . . . . .	\$42 00	
Miscellaneous expenses . . . . .	2 27	\$250 02
		<u>44 27</u>
<i>Cash balance, December 31st, 1899 . . . . .</i>		<u>\$205 75</u>

## OBADIAH WHEELOCK FUND.

Created 1887.

Income "to be awarded semi-annually, forever in Cash (not to be consolidated with any other prize), either in coin, or United States currency, to a Meritorious Scholar of 'The Girls' Normal School of the City of Philadelphia.'"

Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent loan . . . . .	\$100 00
" 4 " . . . . .	50 00
Deposit Philadelphia Saving Fund . . . . .	40 00
	<u>\$190 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$8 00	
" bank account . . . . .	18	\$8 18
<i>Cash balance, January 1st, 1899 . . . . .</i>		<u>34 73</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	39	\$42 91
<i>Cash balance, December 31st, 1899 . . . . .</i>		<u>\$42 52</u>

## LOANS TO ARTIFICERS.

## BENJAMIN FRANKLIN FUND.

Created 1790.

To be loaned to Young Married Artificers under the age of thirty-five years, who have served an apprenticeship in Philadelphia and faithfully fulfilled the duties required in their indentures, and who will furnish two satisfactory securities for the return of the money in ten annual instalments, with interest at 5 per cent.

At the expiration of one hundred years,  $\frac{1}{10}$  of the accumulated fund is to be expended "in Public Works which may be judged of most general utility to the Inhabitants, such as Fortifications, Bridges, Aqueducts, Public-Buildings, Baths, Pavements, "or whatever may make living in the Town more convenient to its People and render "it more agreeable to Strangers, resorting thither for Health or a temporary residence."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$36,700 00
" 4 " . . . . .	14,600 00
" 3½ " . . . . .	8,900 00
" 3 " . . . . .	15,400 00
Pittsburgh City 5 per cent. loan . . . . .	2,000 00
" 4 " . . . . .	1,800 00
Bonds and mortgages . . . . .	50,500 00
	<u>\$129,900 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$3,016 50
" Pittsburgh City loan . . . . .	172 00
" bonds and mortgages . . . . .	2,322 19
" loans to artificers . . . . .	242 25
" bank account . . . . .	34 00
	<u>\$5,786 94</u>
Principal of investments collected:—	
Repayment loans to artificers . . . . .	\$180 00
Bond and mortgage . . . . .	2,500 00
Philadelphia City loan . . . . .	1,900 00
	<u>4,580 00</u>
Cash balance, January 1st, 1899 . . . . .	565 24
	<u>\$10,932 18</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$266 06
Investments:—	
Philadelphia City loan . . . . .	10,000 00
Premium and expenses of investment . . . . .	419 98
	<u>10,686 04</u>
Cash balance, December 31st, 1899 . . . . .	\$246 14

## LOANS TO ARTIFICERS.

## JOHN SCOTT LOAN FUND.

Created 1816.

To be applied to the same purposes as the legacy of Dr. Benjamin Franklin.

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$7,550 00
“ 4 “ . . . . .	5,700 00
“ 3½ “ . . . . .	2,000 00
“ 3 “ . . . . .	4,800 00
Pittsburgh City 4 “ . . . . .	4,000 00
Allegheny County 4 “ . . . . .	1,000 00
Bonds and mortgages . . . . .	4,900 00
	<u>\$29,950 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$832 00
“ Pittsburgh City loan . . . . .	160 00
“ Allegheny County loan . . . . .	40 00
“ bonds and mortgages . . . . .	223 76
“ bank account . . . . .	2 85
“ loans to artificers . . . . .	197 75
	<u>\$1,456 36</u>
Principal of investments collected:—	
Repayment loans to artificers . . . . .	180 00
Cash balance, January 1st, 1899 . . . . .	22 82
	<u>\$1,659 18</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$68 75
Investments:—	
Philadelphia City loan . . . . .	1,200 00
Premium and expenses of investment . . . . .	110 40
	<u>1,379 15</u>
Cash balance, December 31st, 1899 . . . . .	<u>\$280 03</u>



## FUEL AND FOOD.

## CITY FUEL FUND.

Created 1793-1809.

Consists of the following five funds consolidated :—

The Freemasons' fund . . . . .	1793
Mr. Rickett's donation . . . . .	1793-1796
The Mayor's Court Fund . . . . .	1796-1809
Elizabeth Kearkpatrick's legacy . . . . .	1801
John Bleakley's legacy . . . . .	1802

Income to be distributed in Fuel among the Poor of the Old City of Philadelphia  
(E. Kearkpatrick's being without distinction of person or color.)

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$5,000 00
"                    3                    " . . . . .	1,700 00
	<u>\$6,700 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$351 00
"    bank account . . . . .	1 08
	<u>\$352 08</u>
Cash balance, January 1st, 1899 . . . . .	370 96
	<u>\$723 04</u>

## PAYMENTS.

Fuel . . . . .	\$317 46
Miscellaneous expenses . . . . .	18 33
	<u>335 79</u>
Cash balance, December 31st, 1899 . . . . .	\$387 25

## FUEL AND FOOD.

## ARCHIBALD THOMSON FUND.

Created 1799.

Income to purchase Bread "for the Support of the poor of the City of Philadelphia."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan (taxable)	\$2,500 00
" 6 " (free)	1,400 00
" 4 "	600 00
" 3½ "	200 00
" 3 "	700 00
Pittsburgh City 4 "	100 00
Pennsylvania State 4 per cent. loan	600 00
Ground rent, northeast corner Second and Spruce Streets	141 67
	<u>\$6,241 67</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan	\$267 00
" Pittsburgh City loan	4 00
" bank account	6 67
Ground rent	9 00
	<u>\$286 67</u>
Principal of investments collected :—	
Philadelphia City loan	900 00
Cash balance, January 1st, 1899	1,135 04
	<u>\$2,321 71</u>

## PAYMENTS.

Miscellaneous expenses	\$11 65
Investments :—	
Pennsylvania State loan	\$600 00
Philadelphia City loan	900 00
	<u>1,500 00</u>
Premiums and expenses of investment	126 39
	<u>1,638 04</u>
Cash balance, December 31st, 1899	<u>\$683 67</u>

## FUEL AND FOOD.

## SAMUEL SCOTTEN FUND.

Created 1810.

To "deliver to the poor of the said City (Philadelphia) and of Southwark twelve "dollars worth of bread," annually.

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	<u>\$400 00</u>
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## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest City loan . . . . .	\$12 00	
" bank account . . . . .	45	
		<u>\$12 45</u>
Cash balance, January 1st, 1899 . . . . .		418 77
		<u>\$431 22</u>

## PAYMENTS.

Southwark Soup Society (for bread) . .	\$6 00	
Western " " . .	6 00	
Miscellaneous expenses . . . . .	83	
		<u>\$12 83</u>
Investments :—		
Philadelphia City loan . . . . .	400 00	
Premium and expenses of investment . . . . .	23 00	
		<u>435 83</u>
Cash balance, December 31st, 1899 (overdrawn) . . . .		<u>\$4 61</u>

## FUEL AND FOOD.

## JAMES DUTTON FUND.

Created 1813.

Income to be expended "in the purchase of Food Cloathing and Firewood Fuel," to be distributed "to and amongst the poor of the Township of the Northern Liberties "only."

**Invested Capital, December 31st, 1899.**

Philadelphia City 4 per cent. loan . . . . .	\$2,600 00
Pennsylvania State 4 per cent. loan . . . . .	200 00
Ground rents . . . . .	2,500 00
	<u>\$5,300 00</u>

**Cash Receipts and Payments, January 1st to December 31st, 1899.**

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$104 00	
" bank account . . . . .	79	
Ground rents . . . . .	150 00	
	<u></u>	\$254 79
Cash balance, January 1st, 1899 . . . . .		268 63
		<u>\$523 42</u>

## PAYMENTS.

Fuel . . . . .	\$257 40	
Miscellaneous expenses . . . . .	15 00	
	<u></u>	\$272 40
Investments :—		
Pennsylvania State loan . . . . .	200 00	
Premium and expenses of investment . . . . .	24 88	
	<u></u>	497 28
Cash balance, December 31st, 1899 . . . . .		<u>\$26 14</u>

## FUEL AND FOOD.

## ELIAS BOUDINOT FUND.

Created 1821.

Income "for the Supplying the poor inhabitants of the City and liberties of Philadelphia with the Householders (not able to provide it for themselves) at a price during the Winter Season, not in any case exceeding the moderate average price of Wood during the preceding Summer; (and that in Small quantities) with fuel of such kind and Sorts as to the <sup>sd</sup> Mayor & Corporation may Seem more likely to answer the purposes afd."

## Invested Capital, December 31st, 1899.

Real estate in Centre County, assessed value . . . . .	\$11,865 00
Philadelphia City 6 per cent. loan . . . . .	4,300 00
"          4          " . . . . .	4,150 00
"          3½        " . . . . .	5,000 00
"          3          " . . . . .	3,900 00
Pittsburgh City 4 " . . . . .	3,500 00
Bonds and mortgages . . . . .	6,300 00
	<u>\$39,015 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$716 00	
"    Pittsburgh          " . . . . .	140 00	
"    bonds and mortgages . . . . .	237 46	
"    bank account . . . . .	4 35	
Rent, &c., real estate in Centre County . . . . .	89 00	
		\$1,186 81
Cash balance, January 1st, 1899 . . . . .		2,650 15
		<u>\$3,858 96</u>

## PAYMENTS.

Fuel . . . . .	\$500 20	
Expenses of real estate . . . . .	1,267 78	
Miscellaneous expenses . . . . .	85 80	
		\$1,853 78
Investments :—		
Bond and mortgage . . . . .	2,000 00	
Premium and expenses of investment . . . . .	5 00	
		3,858 78
Cash balance, December 31st, 1899 (overdrawn) . . . . .		<u>\$21 82</u>

## FUEL AND FOOD.

## STEPHEN GIRARD FUEL FUND.

Created 1831.

Income "to purchase fuel between the months of March and August in every year forever, and in the month of January in every year forever distribute the same, amongst "poor white housekeepers and roomkeepers, of good character, residing in the (old) "city of Philadelphia."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$200 00
" 3 " . . . . .	800 00
Pennsylvania State 4 per cent. loan . . . . .	200 00
Reading Company, and the Philadelphia and Reading Coal and Iron Company general mortgage bonds . . . . .	9,000 00
	<u>\$10,200 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$34 00	
" Reading Company, and Philadelphia and Reading Coal and Iron Company Railroad general mortgage bonds . .	360 00	
" bank account . . . . .	1 29	
		<u>\$395 29</u>
Principal of investments collected :—		
Philadelphia City loan . . . . .	200 00	
Cash balance, January 1st, 1899 . . . . .	429 44	
		<u>\$1,024 73</u>

## PAYMENTS

Fuel . . . . .	\$357 42	
Miscellaneous expenses . . . . .	25 39	
		<u>\$382 81</u>
Investments :—		
Philadelphia City loan . . . . .	\$200 00	
Pennsylvania State loan . . . . .	200 00	
		<u>400 00</u>
Premium and expenses of investment . . . . .	31 14	
		<u>813 95</u>
Cash balance, December 31st, 1899 . . . . .		<u>\$210 78</u>

## FUEL AND FOOD.

## ESTHER WATERS FUND.

Created 1833.

Income to be used to "give distribute and deliver such Firewood or other Fuel to and  
"amongst such of the poor of the City of Philadelphia as shall be found upon careful en-  
"quiry to be most deserving of such aid."

## Invested Capital, December 31st, 1899.

Lehigh Coal and Navigation Company loan . . . . . \$10,463 69

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Lehigh Coal and Navigation Company loan, \$470 88		
" bank account . . . . .	1 27	
		\$472 15
Cash balance, January 1st, 1899 . . . . .		504 15

## PAYMENTS.

Fuel . . . . .	\$468 42	
Miscellaneous expenses . . . . .	26 84	
		495 26
Cash balance, December 31st, 1899 . . . . .		\$481 04

## PAUL BECK FUEL FUND.

Created 1844.

Income "to purchase fuel for the use and benefit of the Out-door poor, residing within  
"the Corporate Limits of said City" (old City of Philadelphia).

## Invested Capital, December 31st, 1899.

Ground rent, 218 Market Street . . . . . \$8,333 33

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Ground rent . . . . .	\$500 00	
Interest bank account . . . . .	1 63	
		\$501 63
Cash balance, January 1st, 1899 . . . . .		640 24
		\$1,141 87

## PAYMENTS.

Fuel . . . . .	\$448 44	
Miscellaneous expenses . . . . .	22 70	
		471 14
Cash balance, December 31st, 1899 . . . . .		\$670 73

**FUEL AND FOOD.**

**PAUL BECK SOUP FUND.**

**Created 1844.**

Income to be paid "to the Soup Societies established in the (old) City of Philadelphia, to aid such Societies in their humane Endeavors to supply the poor with Soup."

**Invested Capital, December 31st, 1899.**

Ground rent, 220 Market Street . . . . . \$8,333 33

**Cash Recelpts and Payments, January 1st to December 31st, 1899.**

**RECEIPTS.**

Ground rent . . . . .	\$250 00	
Interest bank account . . . . .	02	
	<u>          </u>	\$250 02
<i>Cash balance, January 1st, 1899 . . . . .</i>		<u>482 19</u>
		<b>\$732 21</b>

**PAYMENTS.**

Western Soup Society . . . . .	\$250 00	
Philadelphia Soup Society . . . . .	250 00	
Miscellaneous expenses . . . . .	17 21	
	<u>          </u>	517 21
<i>Cash balance, December 31st, 1899 . . . . .</i>		<u><u>\$215 00</u></u>



## FUEL AND FOOD.

## SPRING GARDEN FUEL FUND.

Created 1847.

Income to be "applied to the purchase of food and fuel, and no other purpose, and  
 " \* \* \* distributed during the winter months of each and every year, among such of  
 " the poor of said district (Spring Garden) as reside in said district, east of Broad Street."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$2,200 00
" 4 " . . . . .	100 00
" 3½ " . . . . .	300 00
" 3 " . . . . .	600 00
Pennsylvania State 4 per cent. loan . . . . .	100 00
	<u>\$3,300 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$164 50
" bank account . . . . .	49
	<u>\$164 99</u>
Cash balance, January 1st, 1899 . . . . .	176 67
	<u>\$341 66</u>

## PAYMENTS.

Fuel . . . . .	\$156 78
Miscellaneous expenses . . . . .	10 58
	<u>\$167 36</u>
Investments :—	
Pennsylvania State loan . . . . .	100 00
Premium and expenses of investment . . . . .	12 44
	<u>279 80</u>
Cash balance, December 31st, 1899 . . . . .	<u>\$61 86</u>

## FUEL AND FOOD.

## THOMAS D. GROVER FUND.

Created 1849.

Income to be distributed—to the Southwark Library Co., \$300 per annum; in bread and soup, among the poor persons residing in the district of Southwark, \$300 per annum, and the balance of the income, in fuel "among white widows of respectable character, who are housekeepers or roomkeepers, born within the limits of the United States of America, whose husbands shall have died within the present defined boundaries of the district of Southwark."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$19,400 00
" 4 " . . . . .	11,800 00
" 3½ " . . . . .	19,000 00
" 3 " . . . . .	1,800 00
Harrisburg City 6 " . . . . .	10,000 00
Allegheny City 4 " . . . . .	10,000 00
Pittsburgh City 7 " . . . . .	5,000 00
" 4 " . . . . .	300 00
Bonds and mortgages . . . . .	12,200 00
Ground rent . . . . .	75,000 00
Spring Garden Insurance Company stock (32 shares) . . . . .	1,600 00
Real estate, assessed value . . . . .	5,500 00
	<u>\$171,600 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$2,355 00
" Harrisburg " . . . . .	600 00
" Allegheny " . . . . .	400 00
" Pittsburgh " . . . . .	362 00
" bonds and mortgages . . . . .	548 97
" bank account . . . . .	19 00
Dividend Spring Garden Insurance Company stock . . . . .	128 00
Ground rents . . . . .	3,000 00
Rent of real estate . . . . .	300 08
	<u>\$7,713 05</u>
Cash balance, January 1st, 1899 . . . . .	5,669 31

## PAYMENTS.

Southwark Library Company . . . . .	\$300 00
Southwark Soup Society . . . . .	300 00
Fuel . . . . .	4,712 40
Expenses of real estate . . . . .	320 16
Miscellaneous expenses . . . . .	434 08
	<u>6,066 64</u>
Cash balance, December 31st, 1899 . . . . .	<u>\$7,315 72</u>

## FUEL AND FOOD.

## ANDREW R. CHAMBERS FUND.

Created 1871.

Income to be paid "to the various 'Soup Societies' of the City of Philadelphia every year so long as the said Societies shall continue their charities to the poor."

**Invested Capital, December 31st, 1899.**

Philadelphia City 6 per cent. loan . . . . . \$1,900 00

**Cash Receipts and Payments, January 1st to December 31st, 1899.**

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$114 00	
" bank account . . . . .	28	
		\$114 28
Cash balance, January 1st, 1899 . . . . .		116 41

## PAYMENTS.

Central Soup Society . . . . .	\$12 50	
Northern Soup Society . . . . .	12 50	
Kensington Soup Society . . . . .	12 50	
Moyamensing Soup Society . . . . .	12 50	
Northwestern Soup Society . . . . .	12 50	
Spring Garden Soup Society . . . . .	12 50	
Southwark Soup Society . . . . .	12 50	
Western Soup Society . . . . .	12 50	
Philadelphia Soup Society . . . . .	12 50	
Miscellaneous expenses . . . . .	3 92	
		116 42
Cash balance, December 31st, 1899 . . . . .		\$114 27

## FREDERIC A. SHEAFF FUEL FUND.

Created 1874.

Income "to purchase fuel between the months of March and September in every year forever and in the month of February in every year forever to distribute the same among poor housekeepers and roomkeepers of good character residing in the city of Philadelphia."

**Invested Capital, December 31st, 1899.**

Real estate, assessed value . . . . . \$3,800 00

**Cash Receipts and Payments, January 1st to December 31st, 1899.**

## RECEIPTS.

Rent of real estate . . . . .	\$312 00	
Cash balance, January 1st, 1899 (overdrawn) . . . . .	986 60	
		\$674 60

## PAYMENTS.

Expenses of real estate . . . . .	\$103 48	
Miscellaneous expenses . . . . .	7 85	
		111 33
Cash balance, December 31st, 1899 (overdrawn) . . . . .		\$785 93

## FUEL AND FOOD.

## MARY SHIELDS FUEL FUND.

Created 1880.

"To apply the interest thereof to the purchase of Coal, and to distribute the same  
 "in the fall and winter months to indigent widows—single women, and men, without  
 "respect to color."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$650 00
" 4 " . . . . .	1,750 00
" 3½ " . . . . .	3,500 00
" 3 " . . . . .	3,700 00
Pittsburgh City 4 per cent. loan . . . . .	400 00
Pennsylvania State 4 per cent. loan . . . . .	200 00
	<hr/>
	\$10,200 00

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$342 50	
" Pittsburgh City loan . . . . .	16 00	
" bank account . . . . .	88	
	<hr/>	\$359 38
Cash balance, January 1st, 1899 . . . . .		217 93
		<hr/>
		\$577 31

## PAYMENTS.

Fuel . . . . .	\$282 62	
Miscellaneous expenses . . . . .	25 38	
	<hr/>	\$308 00
Investments :—		
Pennsylvania State loan . . . . .	200 00	
Premium and expenses of investment . . . . .	24 88	
	<hr/>	532 88
Cash balance, December 31st, 1899 . . . . .		<hr/>
		\$44 43

## FUEL AND FOOD.

## SEYBERT FUND.

Created 1883.

Income "for the distribution of Fuel and Bread amongst the deserving Poor, during  
"the Winter season."

## Invested Capital, December 31st, 1899.

Bond and mortgage . . . . . \$10,000 00

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest bond and mortgage . . . . .	\$400 00	
" bank account . . . . .	1 00	
		\$401 00
Cash balance, January 1st, 1899 . . . . .		414 04
		\$815 04

## PAYMENTS.

Fuel . . . . .	\$402 48	
Miscellaneous expenses . . . . .	25 37	
		427 85
Cash balance, December 31st, 1899 . . . . .		\$387 19

## MISCELLANEOUS.

## JAMES CLAYPOOLE FUND.

Created 1769.

"For the Benefit and relief of the Poor of the said City of Philadelphia."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$600 00
" 4 " . . . . .	50 00
" 3½ " . . . . .	50 00
" 3 " . . . . .	100 00
Deposit Philadelphia Saving Fund . . . . .	50 00
	\$850 00

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$42 74	
" bank account . . . . .	11	
		\$42 85
Cash balance, January 1st, 1899 . . . . .		79

## PAYMENTS.

Miscellaneous expenses . . . . .	1 76	
Cash balance, December 31st, 1899 . . . . .		\$41 88

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## MISCELLANEOUS.

## B. W. AND J. W. MORRIS FUND.

Created 1806.

"To the only proper use and Behoof of the Guardians of the poor of the City of Philadelphia the district of Southwark and the Township of the Northern Liberties."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$800 00
" 3½ " . . . . .	50 00
" 3 " . . . . .	100 00
" 4 " . . . . .	50 00
	<u>\$1,000 00</u>

## Cash Recelpts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$54 76
" bank account . . . . .	14
	<u>\$54 90</u>
Cash balance, January 1st, 1899 . . . . .	4 36
	<u>\$59 26</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	2 07
	<u>\$57 19</u>
Cash balance, December 31st, 1899 . . . . .	

## MISCELLANEOUS.

## BERNARD McMAHON FUND.

Created 1816.

"For the use of the poor of Penn Township."

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	\$400 00
" 3½ " . . . . .	150 00
" 4 " . . . . .	50 00
	<u>\$600 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$31 24
" bank account . . . . .	14
	<u>\$31 38</u>
Cash balance, January 1st, 1899 . . . . .	15 80
	<u>\$47 18</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	1 24
	<u>\$45 94</u>
Cash balance, December 31st, 1899 . . . . .	



## MISCELLANEOUS.

## JACOB J. SNYDER FUND.

Created 1874.

Income to be "expended yearly by the Directors of City Trust as they may deem  
"best in aid of the poor people in this City" (Philadelphia).

## Invested Capital, December 31st, 1899.

Philadelphia City 6 per cent. loan . . . . .	<u>\$9,500 00</u>
--	-------------------

## Cash Receipts and Payments, January 1st to December 31st, 1899.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$570 00	
" bank account . . . . .	1 35	
	<u>571 35</u>	
Cash balance, January 1st, 1899 . . . . .		577 12
		<u>\$1,148 47</u>

## PAYMENTS.

Fuel . . . . .	\$676 26	
Miscellaneous expenses . . . . .	25 09	
	<u>701 35</u>	
Cash balance, December 31st, 1899 . . . . .		<u>\$447 12</u>

Respectfully submitted,

GEO. E. KIRKPATRICK,  
*Superintendent Minor City Trusts.*

PHILADELPHIA, December 31st, 1899.

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## APPENDIX G.

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### WILLS HOSPITAL,

Race Street, between Eighteenth and Nineteenth Streets.

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#### CONSULTING SURGEONS.

THOMAS G. MORTON, M. D.  
GEORGE STRAWBRIDGE, M. D.  
ANDREW DOUGLASS HALL, M. D.

#### ATTENDING SURGEONS.

CONRAD BERENS, M. D.  
JOHN WELSH CROSKEY, M. D.  
FRANK FISHER, M. D.  
GEORGE C. HARLAN, M. D.  
W. W. McCLURE, M. D.  
W. F. NORRIS, M. D.  
CHARLES A. OLIVER, M. D.  
SAMUEL D. RISLEY, M. D.  
P. N. K. SCHWENK, M. D.  
WILLIAM THOMSON, M. D.

#### ASSISTANT SURGEONS.

WALTER L. PYLE, M. D.  
JOSEPH A. CRAMP, M. D.  
WILLIAM H. L. HALE, M. D.  
McCLUNEY RADCLIFFE, M. D.  
JOHN T. KRALL, M. D.  
W. ZENTMAYER, M. D.  
WILLIAM C. POSEY, M. D.  
JAMES THORINGTON, M. D.  
BURTON K. CHANCE, M. D.  
ARCHIBALD G. THOMSON, M. D.

#### PATHOLOGICAL CURATOR,

W. F. NORRIS, M. D.

#### RESIDENT SURGEONS,

CHARLES LUKENS, M. D.  
WALTER BAIR WEIDLER, M. D.

#### SUPERINTENDENT,

RICHARD H. LYTLE.

#### MATRON,

MARGARET C. LYTLE.

**CLINIC HOURS.**—From 2 to 3 P.M. daily (Sundays excepted) at which time the Surgeons are in attendance for the examination and treatment of the patients presenting themselves.

The Clinics are open to all regular Practitioners and Students of Medicine who desire to study the diseases of the eye.

## WILLS HOSPITAL.

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### REPORT OF THE SURGICAL STAFF FOR THE YEAR 1899.

---

The Surgical Staff of the Wills Hospital respectfully present to the Board of Directors of City Trusts the following report, showing the number of cases applying and treated in the Institution, together with a summary of the various diseases and operations for the year ending December 31st, 1899.

The number of persons applying for aid has been 13,365; of these 262 were not considered proper cases for charitable treatment.

The number of new patients treated in the clinics of the Hospital has been 13,103, an increase of 516 over the previous year.

There were 646 patients admitted to the Hospital and treated in its wards.

The total number of visits made by patients has been 44,770.

The number of operations performed was 3761. Of these the more important were 246 cataract operations, 93 iridectomies, and 79 extirpations of the eyeball.

We still feel in the present, as in the past, that the full efficiency of the Hospital has been greatly curtailed and a limit put upon the number of beds that could be utilized by the restricted income available for that purpose.

The building erected in 1895 as an adjunct to the Hospital for the treatment of contagious diseases, now denied admittance into the Hospital, and costing \$14,968, has remained in the same incomplete condition for many years—a great loss in both money invested and usefulness.

The Staff would urgently call the attention of the Board to this condition, and request that some steps be taken to remedy it, and suggest that again an appeal be made to the Legislature of the State for an appropriation to complete this structure.

The Staff would also call the attention of the Board to the absence of a proper operating room in this Hospital.

The Hospital some years ago was well supplied with modern instruments and suitable antiseptic receptacles for their storage and protection, but up to the present time the surroundings have been lacking for their efficient use.

Some delicate operations are performed in the open wards for convenience, whilst major operations are done in a room unsanitary and unfit for the purpose.

The need of the Hospital for a proper operating room is paramount; as it is now, it ranks below even some of the smallest institutions in the country.

With a new operating room up to date in every way, with sterilizing and etherizing rooms attached and situated conveniently to the wards, which are among the best, our Hospital would be in the first rank now, as it has been in the past.

The Staff would request that the Board devise some way of making this necessary improvement.

The accommodations for the Dispensary service and clinics have been entirely outgrown by reason of the yearly increase in the number of patients treated in this department.

It has more than doubled in the last sixteen years, increasing from 6438 in 1883 to 13,103 in 1899. The accommodations, however, have not kept pace with this increase, and at the present time the clinic rooms to the east and west in the main building are inadequate for the present purposes.

With an average increase of 406 cases annually, as it has been in the past sixteen years, it will not take long for these overcrowded rooms to be entirely inadequate.

The need of more space and better facilities has enforced itself upon us.

Two additional day nurses are needed in the wards to supply necessary assistance to the surgeons when on their round

of visits, and to care for patients in the absence of the present nurses during the time operations are performed, which occupy the greater part of each afternoon, thus leaving no skilled attendance upon the sick in the wards at that time.

The Staff would suggest that these nurses could readily be obtained, who would be willing to work without money compensation, as is done in other Hospitals.

All of which is respectfully submitted.

W. WALLACE McCLURE,  
WM. F. NORRIS,  
CHARLES A. OLIVER,  
*Committee.*

## WILLS HOSPITAL.

### REPORT OF THE SUPERINTENDENT FOR THE YEAR 1899.

#### HOUSE PATIENTS.

	Males.	Females.	Total.
Number in the House, January 1, 1899 . . . . .	20	15	35
Admitted in 1899 . . . . .	432	214	646
	452	229	681
Discharged in 1899 . . . . .	425	215	640
Number in the House, December 31, 1899 . . . . .	27	14	41

<i>While in the House there were</i>		<i>Residence of those admitted.</i>	
Cured . . . . .	402	Philadelphia . . . . .	277
Improved . . . . .	198	Other parts of Pennsylvania . . . . .	274
Unimproved . . . . .	31	Elsewhere . . . . .	95
Died . . . . .	2		
Not treated . . . . .	7		
Total . . . . .	640	Total . . . . .	646

#### DISPENSARY PATIENTS.

The total number of patients treated at the clinics was 13,103, of which 1984 were cases of foreign body in the eye, which were treated by the Resident Surgeons.

#### *Residence of those Treated at the Clinics.*

Philadelphia . . . . .	10,294
Other parts of Pennsylvania . . . . .	1,581
Elsewhere . . . . .	1,228
Total . . . . .	13,103

The patients admitted to the wards and treated at the clinics together were 13,749. The nativity of these was:—

Armenia . . . . .	6	Forward . . . . .	763	Forward . . . . .	3,464
Australia . . . . .	3	Finland . . . . .	3	Poland . . . . .	43
Austria . . . . .	127	France . . . . .	36	Roumania . . . . .	10
Barbadoes . . . . .	1	Germany . . . . .	893	Russia . . . . .	415
Belgium . . . . .	9	Greece . . . . .	2	Scotland . . . . .	112
British Guiana, . . . . .	1	Holland . . . . .	3	Spain . . . . .	2
Canada . . . . .	41	Hungary . . . . .	36	Sweden . . . . .	73
China . . . . .	26	India . . . . .	2	Switzerland . . . . .	29
Cuba . . . . .	7	Ireland . . . . .	1,555	Turkey . . . . .	7
Denmark . . . . .	23	Italy . . . . .	154	United States . . . . .	9,549
England . . . . .	518	Japan . . . . .	1	Wales . . . . .	27
Egypt . . . . .	1	Newfoundland, . . . . .	3	West Indies . . . . .	18
		Norway . . . . .	13		
Forward . . . . .	763	Forward . . . . .	3,464	Total . . . . .	13,749

The place of residence of the patients treated at the Hospital during 1899 was :—

## PENNSYLVANIA :—

County	House Patients.	Clinic Patients.	Total.
Allegheny	1	9	10
Bedford	1	1	2
Berks	7	45	52
Blair	11	49	60
Bradford	3	7	10
Bucks	10	120	130
Butler	1	0	1
Cambria	4	11	15
Cameron	0	1	1
Carbon	6	24	30
Centre	3	9	12
Chester	15	148	163
Clarion	2	0	2
Clearfield	5	17	22
Clinton	3	13	16
Columbia	0	6	6
Crawford	2	5	7
Cumberland	1	6	7
Dauphin	11	44	55
Delaware	13	312	325
Elk	0	2	2
Franklin	0	3	3
Fulton	0	1	1
Greene	0	1	1
Huntingdon	6	14	20
Indiana	1	1	2
Jefferson	1	2	3
Juniata	3	6	9
Lackawanna	14	36	50
Lancaster	13	33	46
Lebanon	2	4	6
Lehigh	9	32	41
Luzerne	28	57	85
Lycoming	3	9	12
McKean	2	1	3
Mercer	0	1	1
Mifflin	5	9	14
Monroe	1	2	3
Montgomery	22	335	357
Montour	0	1	1
Northampton	12	49	61
Northumberland	13	25	38
Forward	234	1,451	1,685

		House Patients.	Clinic Patients.	Total.
Forward . . . . .		234	1,451	1,685
Perry County . . . . .		7	7	14
Philadelphia " . . . . .		277	10,294	10,571
Schuylkill " . . . . .		26	94	120
Snyder " . . . . .		1	1	2
Sullivan " . . . . .		1	3	4
Susquehanna " . . . . .		1	2	3
Tioga " . . . . .		0	1	1
Union " . . . . .		1	3	4
Venango " . . . . .		0	1	1
Washington " . . . . .		0	2	2
Wayne " . . . . .		1	3	4
Westmoreland " . . . . .		0	2	2
Wyoming " . . . . .		1	3	4
York " . . . . .		1	8	9
Total from Pennsylvania . . . . .		551	11,875	12,426
NEW JERSEY . . . . .		57	986	1,043
DELAWARE . . . . .		26	161	187
MARYLAND . . . . .		4	29	33
VIRGINIA . . . . .		3	16	19
NEW YORK . . . . .		1	9	10
OHIO . . . . .		1	7	8
MONTANA . . . . .		1	4	5
NEW MEXICO . . . . .		1	1	2
DISTRICT OF COLUMBIA . . . . .		1	1	2
GEORGIA . . . . .		0	1	1
KANSAS . . . . .		0	2	2
CONNECTICUT . . . . .		0	1	1
MAINE . . . . .		0	1	1
NORTH CAROLINA . . . . .		0	1	1
ILLINOIS . . . . .		0	1	1
IOWA . . . . .		0	1	1
SOUTH DAKOTA . . . . .		0	1	1
SOUTH CAROLINA . . . . .		0	1	1
VERMONT . . . . .		0	1	1
INDIANA . . . . .		0	1	1
MISSOURI . . . . .		0	1	1
WEST VIRGINIA . . . . .		0	1	1
		<u>646</u>	<u>13,103</u>	<u>13,749</u>

Respectfully submitted.

RICHARD H. LYTLE,  
Superintendent.

PHILADELPHIA, December 31st, 1899.



## AUDITOR'S CERTIFICATE.

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I hereby certify that I have audited the accounts of the GIRARD ESTATE and of the MINOR TRUSTS, of the City of Philadelphia, for the year ended December 31st, 1899, and found the same to be correct, and correctly summarized in the foregoing reports of the Superintendent, pages 45-56 and 187-220.

JOHN HEINS,  
*Public Accountant and Auditor.*

508 WALNUT STREET, PHILADELPHIA.



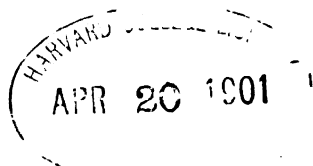


**MARINER AND MERCHANT BUILDING  
PHILADELPHIA**

THIRTY-FIRST ANNUAL REPORT  
OF THE  
BOARD OF DIRECTORS  
OF  
CITY TRUSTS  
OF THE  
CITY OF PHILADELPHIA  
*FOR THE YEAR 1900.*

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PHILADELPHIA:  
PRESS OF ALLEN, LANE & SCOTT,  
1211-13 Clover Street.  
1901.



*Grand College*

BOARD OF DIRECTORS  
OF  
CITY TRUSTS  
1901.

---

LOUIS WAGNER, *President*,  
S. W. cor. Broad and Market Streets.

JOSEPH L. CAVEN, *Vice-President*,  
523 Chestnut Street.

EDWARD S. BUCKLEY,  
505 Chestnut Street.

WILLIAM H. LAMBERT,  
1001 Chestnut Street.

JOHN M. CAMPBELL,  
215 South Sixth Street.

JOHN H. MICHENER,  
307 Chestnut Street.

JOHN H. CONVERSE,  
500 North Broad Street.

ALFRED MOORE,  
N. E. cor. Broad and Chestnut Sts.

JOHN K. CUMING,  
Broad and Columbia Avenue.

DALLAS SANDERS,  
S. W. cor. Broad and Chestnut Sts.

WILLIAM L. ELKINS,  
S. W. cor. Broad and Chestnut Sts.

EDWIN S. STUART,  
9 South Ninth Street.

MEMBERS OF THE BOARD, "EX OFFICIO."

SAMUEL H. ASHBRIDGE, *Mayor*,  
City Hall.

JAMES L. MILES, *President Select Council*,  
133 South Twelfth Street.

GEORGE McCURDY, *President Common Council*,  
1102 Betz Building.

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FRANK M. HIGHLEY, *Secretary*,  
Stephen Girard Building.

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OFFICE.—STEPHEN GIRARD BUILDING, 21 S. TWELFTH ST., PHILADELPHIA.

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STATED MEETINGS, ON THE SECOND WEDNESDAY OF EACH  
MONTH, AT 3.30 P. M.

# COMMITTEES.

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## HOUSEHOLD AND INFIRMARY OF GIRARD COLLEGE.

JOHN H. CONVERSE, *Chairman.*  
JOSEPH L. CAVEN, EDWIN S. STUART,  
EDWARD S. BUCKLEY, ALFRED MOORE,  
JOHN K. CUMING, PRES. SELECT COUNCIL.

## INSTRUCTION AND LIBRARY OF GIRARD COLLEGE.

JOHN M. CAMPBELL, *Chairman.*  
JOHN H. MICHENER, DALLAS SANDERS,  
JOHN H. CONVERSE, WILLIAM H. LAMBERT,  
JOHN K. CUMING, THE MAYOR.

## ADMISSION, DISCIPLINE, AND DISCHARGE, GIRARD COLLEGE.

DALLAS SANDERS, *Chairman.*  
JOSEPH L. CAVEN, WILLIAM H. LAMBERT,  
WILLIAM L. ELKINS, ALFRED MOORE,  
EDWARD S. BUCKLEY, PRES. COMMON COUNCIL.

## GIRARD ESTATE WITHIN THE CITY.

JOSEPH L. CAVEN, *Chairman.*  
JOHN H. MICHENER, JOHN M. CAMPBELL,  
WILLIAM L. ELKINS, ALFRED MOORE,  
EDWARD S. BUCKLEY, PRES. SELECT COUNCIL.

## GIRARD ESTATE WITHOUT THE CITY.

JOHN K. CUMING, *Chairman.*  
JOHN H. MICHENER, EDWIN S. STUART,  
JOHN H. CONVERSE, WILLIAM H. LAMBERT,  
DALLAS SANDERS, PRES. COMMON COUNCIL.

## WILLS HOSPITAL AND MINOR TRUSTS.

EDWARD S. BUCKLEY, *Chairman.*  
WILLIAM L. ELKINS, EDWIN S. STUART,  
JOHN K. CUMING, WILLIAM H. LAMBERT,  
DALLAS SANDERS, PRES. COMMON COUNCIL.

## FINANCE.

WILLIAM L. ELKINS, *Chairman.*  
JOHN H. MICHENER, JOHN M. CAMPBELL,  
JOSEPH L. CAVEN, EDWIN S. STUART,  
JOHN H. CONVERSE, THE MAYOR.

## EXECUTIVE COMMITTEE.

PRESIDENT OF THE BOARD AND CHAIRMEN OF THE STANDING COMMITTEES.

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*The President of the Board is Ex-officio a Member of all Committees.*

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# STATED MEETINGS.

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## AT GIRARD COLLEGE,

On Friday preceding second Wednesday:  
Instruction and Library at 3 P. M.  
Admission, Discipline, and Discharge at  
3.30 P. M.  
Household and Infirmary at 4 P. M.

## AT No. 21 SOUTH TWELFTH STREET: Girard Estate without the City.

Thursday preceding second Wednesday at  
3.15 P. M.

## Girard Estate within the City.

Friday preceding second Wednesday at  
9.15 A. M.

## Finance.

Tuesday preceding second Wednesday at  
10 A. M.

## WILLS HOSPITAL AND MINOR TRUSTS.

Monday preceding second Wednesday at  
3.30 P. M., at Wills Hospital.

## EXECUTIVE.

At the call of the Chairman.

## DIRECTORS OF GIRARD WATER COMPANY.

Thursday preceding second Wednesday at  
3.10 P. M., at No. 21 South  
Twelfth Street.

# The Board of Directors of City Trusts, 1869-1901.

## MEMBERS OF THE ORIGINAL BOARD OF DIRECTORS OF CITY TRUSTS APPOINTED SEPTEMBER 2, 1869.

GUSTAVUS S. BENSON . . . . .	Died March 22, 1883.
ALEXANDER BIDDLE . . . . .	Resigned Dec. 1884.
JAMES CAMPBELL . . . . .	Died Jan. 27, 1893.
JAMES L. CLAGHORN . . . . .	" Aug. 25, 1884.
CHARLES H. T. COLLIS . . . . .	Resigned June 11, 1884.
J. GILLINGHAM FELL . . . . .	" Sept. 9, 1874.
EDWARD KING . . . . .	" Feb. 14, 1872.
WILLIAM B. MANN . . . . .	Died Oct. 17, 1896.
JOHN H. MICHENER . . . . .	
HENRY M. PHILLIPS . . . . .	Died Aug. 28, 1884.
GEORGE H. STUART . . . . .	" April 11, 1890.
WILLIAM WELSH . . . . .	" Feb. 11, 1878.

### "EX-OFFICIO" MEMBERS.

DANIEL M. FOX, <i>Mayor</i> . . . . .	Term expired Jan. 1, 1872.
SAMUEL W. CATTELL, <i>President Select Council</i> " " . . . . .	Jan. 1, 1872.
LOUIS WAGNER, <i>President Common Council</i> . " " . . . . .	Jan. 2, 1871.

## APPOINTMENTS ON BOARD OF DIRECTORS OF CITY TRUSTS SUBSEQUENT TO SEPTEMBER 2, 1869.

APPOINTED	
W. HEYWARD DRAYTON . . . . .	Feb. 14, 1872. Died Oct. 9, 1892.
LOUIS WAGNER . . . . .	Jan. 4, 1875.
GEORGE L. HARRISON . . . . .	March 18, 1878. Resigned Dec. 17, 1881.
BENJAMIN B. COMEGYS . . . . .	Jan. 7, 1882. Died March 29, 1900.
JOSEPH L. CAVEN . . . . .	March 31, 1883.
WILLIAM L. ELKINS . . . . .	Oct. 6, 1884.
JAMES SIMPSON, M. D. . . . .	" 6, 1884. Resigned March 5, 1888.
RICHARD VAUX . . . . .	" 6, 1884. Died March 22, 1895.
WILLIAM HENRY RAWLE . . . . .	Jan. 12, 1885. " April 19, 1889.
ALEXANDER BIDDLE ( <i>reappointed</i> ) . . . . .	April 2, 1888. " May 2, 1899.
JOHN H. CONVERSE . . . . .	June 3, 1889.
EDWARD S. BUCKLEY . . . . .	" 2, 1890.
JOHN K. CUMING . . . . .	Dec. 5, 1892.
DALLAS SANDERS . . . . .	March 6, 1893.
JOHN M. CAMPBELL . . . . .	April 15, 1895.
EDWIN S. STUART . . . . .	Dec. 7, 1896.
WILLIAM H. LAMBERT . . . . .	June 5, 1899.
ALFRED MOORE . . . . .	" 4, 1900.



### "EX-OFFICIO" MEMBERS.

WILLIAM S. STOKLEY, <i>Mayor</i>	Jan. 1, 1872, to April 4, 1881.
SAMUEL G. KING, "	April 4, 1881, to " 7, 1884.
WILLIAM B. SMITH, "	" 7, 1884, to " 4, 1887.
EDWIN H. FITLER, "	" 4, 1887, to " 6, 1891.
EDWIN S. STUART, "	" 6, 1891, to " 1, 1895.
CHARLES F. WARWICK, "	" 1, 1895, to " 3, 1899.
SAMUEL H. ASHBRIDGE, "	" 3, 1899.
WM. E. LITTLETON, <i>President Select Council</i>	Jan. 1, 1872, to Jan. 5, 1874.
*ROBERT W. DOWNING, " " "	" 5, 1874, to July 8, 1875.
W. W. BURNELL, M. D., " " "	July 8, 1875, to Jan. 3, 1876.
*GEORGE A. SMITH, " " "	Jan. 3, 1876, to Nov. 3, 1881.
GEORGE W. BUMM, " " "	Nov. 3, 1881, to April 3, 1882.
WILLIAM B. SMITH, " " "	April 3, 1882, to April 7, 1884.
JAMES R. GATES, " " "	" 7, 1884, to " 3, 1893.
JAMES L. MILES, " " "	" 3, 1893.
*HENRY HUHN, <i>President Common Council</i>	Jan. 2, 1871, to Feb. 15, 1872.
LOUIS WAGNER, " " "	Feb. 15, 1872, to Jan. 6, 1873.
A. W. HENSZEY, " " "	Jan. 6, 1873, to " 3, 1876.
JOSEPH L. CAVEN, " " "	" 3, 1876, to April 4, 1881.
WILLIAM H. LEX, " " "	April 4, 1881, to " 7, 1884.
CHAS. LAWRENCE, " " "	" 7, 1884, to " 2, 1888.
†WILLIAM M. SMITH, " " "	" 2, 1888, to May 4, 1892.
WENCEL HARTMAN, " " "	May 12, 1892, to Dec. 28, 1899.
GEORGE McCURDY, " " "	Jan. 4, 1900.

### OFFICERS.

#### *President.*

†WILLIAM WELSH . . . . .	Sept. 13, 1869, to Feb. 11, 1878.
HENRY M. PHILLIPS . . . . .	March 13, 1878, to Dec. 14, 1881.
ALEXANDER BIDDLE . . . . .	Dec. 14, 1881, to Dec. 10, 1884.
†W. HEYWARD DRAYTON . . . . .	Dec. 10, 1884, to Oct. 9, 1892.
LOUIS WAGNER . . . . .	Nov. 9, 1892.

#### *Vice-President.*

HENRY M. PHILLIPS . . . . .	May 11, 1870, to March 13, 1878.
ALEXANDER BIDDLE . . . . .	March 13, 1878, to Dec. 14, 1881.
W. HEYWARD DRAYTON . . . . .	Dec. 14, 1881, to Dec. 10, 1884.
LOUIS WAGNER . . . . .	Dec. 10, 1884, to Nov. 9, 1892.
†JAMES CAMPBELL . . . . .	Nov. 9, 1892, to Jan. 27, 1893.
JOSEPH L. CAVEN . . . . .	April 12, 1893.

#### *Secretary.*

HENRY W. AREY . . . . .	Feb. 25, 1870, to Jan. 9, 1878.
CHAS. T. MILLER . . . . .	Jan. 9, 1878, to Dec. 31, 1884.
FRANK M. HIGHLEY . . . . .	Jan. 1, 1885.

\* Resigned.

† Died.

THE  
THIRTY-FIRST ANNUAL REPORT  
OF THE  
BOARD OF DIRECTORS OF CITY TRUSTS

---

*To the Legislature of the Commonwealth of Pennsylvania, the  
Councils of the City of Philadelphia, and the Board of Ap-  
pointment, composed of the Judges of the Courts of Common  
Pleas of the County of Philadelphia :*

GENTLEMEN :

IN compliance with the Act of Assembly entitled "A Further Supplement to an Act entitled 'An Act to Incorporate the City of Philadelphia,' approved the second day of February, one thousand eight hundred and fifty-four, creating a Board called Directors of City Trusts," approved June 30th, 1869, the Board of Directors of City Trusts respectfully present this the Thirty-first Annual Report of the several Trusts under their administration, for the year ended December 31st, 1900.

Wencel Hartman, Esq., having been elected Sheriff of the county of Philadelphia, resigned as President of Common Council on December 28th, 1899, thereby ceasing to be a member of this Board.

George McCurdy, Esq., succeeded Mr. Hartman as a member of the Board *ex-officio*, having been elected President of Common Council on January 4th, 1900.

Mr. B. B. Comegys died on March 29th, 1900, full of years and of honors. His connection with the Girard College began long before he was appointed a member of the Board, and its graduates of the past twenty-seven years have been helped to encounter the difficulties of active life, and to resist its temptations, by the kind advice and the loving suggestions they received from him as one of the Chapel speakers.

Mr. Comegys was ever faithful to his trusts, upright in public and in private life, impartial in the administration of the affairs of the many institutions in which he held authority, earnest for the right, kind in admonition, helpful in advice, and honest in all his relations with God and with man.

This Board and, more especially, the Girard College, have suffered a great loss.

At a special meeting, the following minute was adopted, after which the Board attended the funeral :

"MR. BENJAMIN B. COMEGYS was appointed a member of the Board of Directors of City Trusts on January 7th, 1882. By his sudden death on March 19th, 1900, after nearly nineteen years of service, this Board has lost one of its most valued, efficient, and respected members. We deplore his departure as a loss which, humanly speaking, seems irreparable. In age, in ripe judgment, in wide experience, he was the Nestor of the Board. Well may we exclaim in the language of the prophet, 'My father, my father, the chariot of Israel and the horsemen thereof.'

"In the estimation of this community, Mr. Comegys stood for the highest type of Christian citizenship. He brought to the discharge of his duties wide experience, sympathetic interest, and conscientious fidelity to all the trusts committed to this Board. The management of Girard College was especially near his heart. The orphans there gathered, wards of the city, were to him objects of constant solicitude and regard. He bore them on his heart and in his prayers. In his plans for the pupils of Girard College he was faithful to the desire of Mr. Girard as expressed in the will, that 'pains be taken to instill into the minds of the scholars the purest principles

of morality.' In the companionship of his beloved books Mr. Comegys was a close student of educational methods, with the view of gleaning from the experience of the great teachers valuable lessons for the guidance of Girard College. He appreciated most thoroughly the responsibility and the opportunity connected with the management of the Institution. In his estimation no work was too great to be undertaken in its behalf. It was a labor of love with him to prepare most carefully the words of counsel and sympathy which he delivered in the College Chapel at the Sunday services. Every Girard College boy was sure of a firm friend in Mr. Comegys. He rejoiced when it was in his power to aid one in finding employment, and he was proud of the fact that in the bank of which he was the honored President there was always a goodly number of Girard College boys included in the force. The order of Chapel service used at the College was prepared by him, and the general supervision of the Sunday exercises was his especial care. The volumes of his published addresses to the young, prepared with the utmost care and pains, will long survive as a memorial of his devotion to their best interests.

"Truly, 'A prince has fallen in Israel,' and one more illustrious name must be added to the list of those who have gone before after serving faithfully and well their city, their community, and their Divine Master."

Alfred Moore, Esq., was appointed by the Board of Judges, on June 4th, 1900, to fill the vacancy caused by Mr. Comegys' death.

The appended reports of the officers of the Board and of the several Institutions and Trusts under our care give full detailed accounts of the operations of the past year, and they should have your careful consideration.

The report of the PRESIDENT OF THE GIRARD COLLEGE (*Appendix D*), is more than usually interesting, because of his review of the work of the College during the past twenty-five years.

The growth numerically, the improvements in buildings and in grounds, the advance in the courses of study, the broadening of the moral and the physical discipline of the Institution, the changed conditions of modern business and of trades and the relations of our graduates to these changes, are set out in profitable detail.

Their recital makes an interesting chapter in the history of the College, showing that the plans formed by our Board for its government have been put into intelligent operation, and also that the more than 3000 young men educated and trained in accordance with Mr. Girard's desires, have become better citizens because of their participation in his bounty.

The following changes occurred in the faculty of the Girard College:

By resignation: Mr. Archibald Cobb, teacher of phonography; Miss Nellie Albrecht, teacher in First Form; Miss Ida F. Timmons, teacher in First Form.

Mr. Frank A. Chalmers, Miss Edna Leiper, and Miss Hannah F. Sherron were appointed to fill these vacancies.

Mr. Joseph G. Simcock was appointed instructor in blacksmithing, in place of Mr. Laurance Duggan.

At our request, Major H. G. Cavanaugh, U. S. A., retired, was detailed by the War Department as Military Instructor and Commandant of the Battalion of Cadets, to fill the vacancy existing since Capt. Frank A. Edwards' recall to active service in connection with the Spanish War.

From the officers of the Household, Witten Booth Russ, M. D., Resident Physician, resigned, and Samuel McCullagh, M. D., was appointed to the place.

Miss Mary White and Miss Anna B. Grove, who had intelligently and conscientiously served as governesses since 1870 and 1879 respectively, died during the year.

Miss Mary S. Chance was appointed to succeed Miss Grove, but no successor was named to Miss White, she being on the retired list.

Miss Josephine Ross was appointed Assistant to the Matron.

Two important modifications have been made in the department of instruction. The one changes the school terms so that they end with June and January, instead of with May and December, and goes into effect with the new year. The other gives additional opportunities for backward or unwilling scholars to keep abreast with their classmates, so that their stay in the College may be longer than under the former regulations.

The books, apparatus, and appliances necessary for thorough work in the several branches of instruction are of the most approved kinds, and large additions were made during the past year.

A number of cases of defective speech, especially of stuttering and stammering, having developed, several of those so afflicted were placed under the training of Prof. J. H. Bechtel. The work so far has been satisfactory, but sufficient time has not yet elapsed for permanent results.

The celebration of Founder's Day, May 20th, the one hundred and fiftieth anniversary of Mr. Girard's birth, was held on Saturday, May 19th, and was more than usually interesting.

We were honored by the presence of Hon. Chauncey M. Depew, Senator from New York, who delivered an eloquent and instructive address, and of Major-General Nelson A. Miles, Commander of the United States Armies, who reviewed the Battalion of Cadets and also made an admirable address in the Chapel.

Because of an exceedingly severe rain storm, the exercises were held indoors, but in spite of the weather there was a large attendance of the graduates and their friends.

The exercises will be long remembered by all fortunate enough to be present.

Another interesting event occurred on August 24th, when nearly 1400 Cuban teachers, on their way home from the Summer School at Harvard University, stopped in Philadelphia and, on their last day in this country, visited the

Girard College. They were received in the Directors Room, in the Main building, by members of the Board and by the officers of the College, and then escorted to the Chapel, where addresses in both English and Spanish were made. Instrumental and vocal music enlivened the exercises. After an inspection of the schools and of the dormitories by our visitors and the serving of a collation, they departed, much pleased with the Institution and greatly gratified by the attentions shown them.

The reports of the officers in charge of the several departments of the College, submitted with the report of the President, give in detail the work of the year 1900.

The PHYSICIANS report that there were

treated . . . . .	2,255 cases.
In 1899 . . . . .	<u>3,609</u> "
A decrease of . . . . .	<u>1,354</u> "

The following deaths occurred :

Appendicitis . . . . .	1
Diphtheria . . . . .	1
Pneumonia . . . . .	1
Tabes mesenterica, (tubercular peritonitis),	1
Valvular heart disease . . . . .	1
Killed in an accident while out of College,	1
Total . . . . .	<u>6</u>

Whilst this is a large increase over the preceding year, when but two died, it is not in excess of the average of the preceding ten years, as follows :

1890 . . . . .	10	1895 . . . . .	2
1891 . . . . .	8	1896 . . . . .	6
1892 . . . . .	8	1897 . . . . .	9
1893 . . . . .	6	1898 . . . . .	8
1894 . . . . .	3	1899 . . . . .	2

There was no material change in the population during these years.

The age of the pupils in the College at the close of the year was as follows:

Age.	Number.
18 . . . . .	2
17 . . . . .	26
16 . . . . .	59
15 . . . . .	134
14 . . . . .	208
13 . . . . .	223
12 . . . . .	236
11 . . . . .	214
10 . . . . .	209
9 . . . . .	139
8 . . . . .	27
7 . . . . .	4

Total . . . . . 1,481 = 18,014 years.

Average age,  $12\frac{242}{1481}$  years.

The above statement shows an annual death rate among pupils in Girard College of 4.05 per thousand; while as estimated in the Life Insurance Actuaries' Tables of Mortality the annual death rate among children of similar age is 6.85 per thousand.

In the consideration of this question, the fact must not be overlooked that the deaths of the fathers of all the pupils necessarily indicates a low physical condition, and the small percentage of sickness and of deaths is to be ascribed to the admirable sanitary arrangements of the Institution and to the strict enforcement of outdoor exercise.

The report of the STEWARD shows the quantities of the provisions furnished the College and the cost of the several articles consumed. The average number of boys was 1512, and the cost of subsistence *per capita* \$77.02. The cost of the subsistence of officers and employees is included in the average for the pupils.

The Steward's statement of the number of trees in the College Grounds, 850, and on the surrounding sidewalks, 333, total 1183, is especially interesting. The list gives the varieties of trees in detail. A number of them were planted by visitors of high rank and importance, and others as memorials for



officers and for graduating classes. Some of them equal in beauty of growth any trees in our city.

A Summer encampment of two weeks' duration was held in July, 1900, at our former camping ground, Island Heights, N. J.

The reports of the COMMANDANT and of Capt. T. R. Adams, Fifth United States Artillery, the inspecting officer, show a very efficient and satisfactory condition of drill and of discipline.

The only work on the buildings and grounds of the College, other than the ordinary repairs, consisted of the placing of modern closets and the removal of twenty-three old-style hopper closets, and of the introduction of a complete system of intercommunicating telephones.

The serious difficulty in the drainage, by reason of the insufficient capacity of the public sewer running through the west end of the grounds, is being promptly and satisfactorily remedied by the Department of Public Works.

The population of the College during the year 1900 was as follows:

Number of pupils January 1st, 1900 . . . . .	1,529	
Admitted during the year . . . . .	164	
	—	1,693
During the year there were		
College indentures canceled to enable boys to accept employment . . . . .	186	
Indentured as apprentices . . . . .	2	
Returned to mothers and friends, transferred to other institutions, &c. . . . .	15	
Eighteen years of age . . . . .	3	
Died . . . . .	6	
	—	212
Number of pupils December 31st, 1900 . . . . .		1,481
Officers { Instruction . . . . .	70	
Household . . . . .	49	
	—	119
Employees of household . . . . .	278	
	—	397
Total, December 31st, 1900 . . . . .		<u>1,878</u>

The following table shows the number of applicants registered for admission into Girard College, and the number of boys in the College on January 1st, 1901, born in the different counties of Pennsylvania:

County.	On the List of Applicants.	In the College.	County.	On the List of Applicants.	In the College.
Adams . . . . .	1	2	McKean . . . . .		1
Allegheny . . . . .	2	6	Mifflin . . . . .	1	3
Armstrong . . . . .	1		Monroe . . . . .	3	3
Bedford . . . . .	4		Montgomery . . . . .	21	61
Berks . . . . .	7	27	Montour . . . . .	1	3
Blair . . . . .	8	26	Northampton . . . . .	16	9
Bradford . . . . .	6	8	Northumberland . . . . .	13	21
Bucks . . . . .	14	24	Perry . . . . .	2	
Butler . . . . .	1	1	Schuylkill . . . . .	48	124
Cambria . . . . .	3	6	Somerset . . . . .		3
Cameron . . . . .	1	1	Sullivan . . . . .	4	
Carbon . . . . .	1	10	Susquehanna . . . . .	5	9
Centre . . . . .	11	6	Tioga . . . . .	1	1
Chester . . . . .	13	48	Venango . . . . .		1
Clearfield . . . . .	16	8	Warren . . . . .	1	1
Clinton . . . . .	10	15	Washington . . . . .	2	2
Columbia . . . . .	9	17	Wayne . . . . .	3	3
Crawford . . . . .	2	5	Westmoreland . . . . .	1	
Cumberland . . . . .	5	11	Wyoming . . . . .		3
Dauphin . . . . .	15	31	York . . . . .	2	1
Delaware . . . . .	24	31		391	690
Elk . . . . .	3	2			
Erie . . . . .		2	Philadelphia (out- side of Old City),	379	663
Fayette . . . . .		2	Old City of Phila- delphia . . . . .	5	128
Franklin . . . . .	1	5		775	1,481
Fulton . . . . .		2			
Huntingdon . . . . .	6	6	Outside of the State of Penn- sylvania . . . . .	22	
Indiana . . . . .	5	1		797	1,481
Jefferson . . . . .	10	13			
Lackawanna . . . . .	20	19			
Lancaster . . . . .	19	30			
Lebanon . . . . .	5	10			
Lehigh . . . . .	5	7			
Luzerne . . . . .	31	46			
Lycoming . . . . .	8	13			

In the number registered for admission there is an increase

from Philadelphia of . . . . .	49
and from other parts of Pennsylvania, &c. . . . .	63
Total increase . . . . .	112

There are pupils in the College, or applicants registered for admission, from 56 of the 67 counties of the State.

There is a decrease of 48 in the number of pupils in the College, caused by an increase of 10 in the number of pupils returned to mothers and friends, and by the postponement of promotions and the subsequent filling of vacancies with new pupils, because of the change in the school terms, as mentioned earlier in this report.\*

The SUPERINTENDENT OF ADMISSION AND INDENTURES reports (*Appendix E*) that places have been found for a very large proportion of the pupils leaving the College during the year, and also the result of his inquiries into the present condition of the 1278 honorably-discharged pupils of the preceding six years.

These young men are located in all habitable parts of the globe, and most of them make favorable impress upon the affairs of the communities with which they have cast their lot. The 48 who are in the Armies and the Navies of the Nation have rendered faithful service in Japan, in China, and in the Philippine Islands.

The report of the SUPERINTENDENT OF GIRARD ESTATES (*Appendix A*) shows the following receipts:

	Gross.	Net.
From Real Estate within the City . . . . .	\$556,645 62	\$350,314 13
Stocks, Bonds, &c. . . . .	279,398 76	219,687 38
Total . . . . .	\$836,044 38	\$570,001 51
From same sources in 1899 . . . . .	755,626 17	476,288 88
an increase of . . . . .	<u>\$80,418 21</u>	<u>\$93,712 63</u>

\$80,615.38 of the increase in net income is from investments in stocks and bonds.

\* All vacancies were filled on January 31st, 1901, by the admission of 85 boys.

Material increases in income from real estate on Delaware Avenue and on Front Street, and from the block at Twelfth and Market Streets, have been offset by decreased income from the properties at Sixth and Brown Streets, and on Third Street.

It is expected that the return of the Philadelphia Stock Exchange to its former quarters in the Merchants Exchange Building, and the completion and occupancy of the new building at the corner of Third and Chestnut Streets, will result in increased receipts from these properties.

The prospects for increased income from houses in the neighborhood of Sixth and Brown Streets are less promising. The buildings are too large for the changed condition of the population and there is no demand for manufacturing or for other business purposes.

It would be good policy for the city authorities to consider the expediency of acquiring this property, extending from Fifth Street to Marshall Street and from Fairmount Avenue to Brown Street, for park and for other public purposes. A portion is already so occupied, and the fact that this comparatively large block of land is held by one owner would facilitate negotiations and assure more reasonable terms.

No additional buildings have been erected on the land of the Girard Estate in the southern section of the city, but the opening and general improvement of the streets extending to and through this land is satisfactorily progressing.

The low lands are being filled with the dredgings from the river, resulting in a double improvement by one operation.

Work in the improvement of Girard Park continues, and when the trend of population reaches there the people will have ready for their use and enjoyment one of the finest public squares, without any expense whatever to the taxpayers.

All the offices in the Stephen Girard Building are occupied by satisfactory tenants, and the net income from rentals shows a large increase.

This building is not only profitable as an investment, but it has also determined the character of the improvements and of the business centering in that locality.

The additional appliances introduced for the protection against, and for the prevention of, fires, and the arrangements to supply our tenants in the surrounding properties with heat, light, and power will add materially to the security of the properties and also to the income of the Estate.

The improvement of the property at Third and Chestnut Streets, already mentioned in this report, was under consideration a year ago, but the probability of a reasonable return from so large an expenditure in that locality appeared so remote that positive action was delayed for some time.

Finally a contract was made for the erection of a building of modern construction, eight stories in height, with fronts of 121 feet on Chestnut Street and on Third Street.

The contractors pushed their work, and the building is now under roof and rapidly approaching completion. It will be an ornament to the neighborhood and a credit to the Girard Estate.

The expected return of bankers and brokers to this part of the city, in consequence of the re-occupancy of the Merchants Exchange Building by the Stock Exchange, will aid in restoring this part of the Girard Estate to an income-producing basis.

In selecting an appropriate name for this new structure, the Board was governed by a desire to identify it closely with Mr. Girard. The large building on Twelfth Street having been named the Stephen Girard Building, and the banking house on Third Street being known as the Girard National Bank, it was not practicable to give this new building the name of Girard.

From the Will, and from other documents on file with us, it is apparent that Mr. Girard took great satisfaction in designating himself as "mariner and merchant," and it is so written in the first-named paper, "I, Stephen Girard, \* \* \* Mariner

and Merchant." In view of this fact, no more appropriate name than the MARINER and MERCHANT BUILDING could be selected, and the building has been so named.

The offices in the building are now being offered for rental.

The new electric light and power station on Stock Exchange Place will be finished in connection with the new office building. It will be equipped with the most approved electrical appliances, and will not only furnish heat, light, and power to the properties of the Estate at Third and Chestnut Streets, but also light and power to those at Fifth and Chestnut Streets.

The lighting of Delaware Avenue and of Front Street between Vine and South Streets, now done under contract with an electric light company, and paid for from the income of the Delaware Avenue Fund of the Girard Estate, will be done from this station, on a larger scale and at less cost to the Fund.

The widening of Delaware Avenue from Vine Street to South Street was completed early in the year. The large amount of filling required to bring the widened part of this thoroughfare to grade makes it impracticable to lay a permanent pavement until after the new roadway has properly "settled."

Contracts have been made for the laying of underground conduits for electric light wires, and when this work is finished the street pavement will be relaid.

The assets of the DELAWARE AVENUE FUND consist of  
 the principal of Mr. Girard's legacy . . . . . \$500,000 00  
 and of accumulated income . . . . . 211,673 61

The larger part of this latter sum will be needed in the final completion of the work.

After a proper revision of the sidewalk lines and the settlement of the vexed question of the necessary railroad tracks,

the port of Philadelphia will have the finest water front of any city in America, and a similar widening to the north and to the south of the limits named by Mr. Girard in his will should be promptly effected out of general taxation.

The current work of cleaning and of lighting the streets in this part of the city, and the removal of wooden buildings elsewhere, received the usual satisfactory attention.

The FIRE INSURANCE FUND is slowly increasing.

The assets amount to . . . . .	\$35,776 67
and the amount at risk to . . . . .	799,350 00

During the year the Girard Estate paid the city	
for water rents . . . . .	\$6,357 03
and for taxes . . . . .	100,703 80

The report of the SUPERINTENDENT (*Appendix A*), with the report of the ENGINEER OF THE GIRARD ESTATE IN SCHUYLKILL AND COLUMBIA COUNTIES (*Appendix B*), and the appended reports, give a full account of the important operations in connection with the Girard lands in these counties.

The total receipts from Real Estate outside the City of Philadelphia were :

	Gross.	Net.
In 1899 . . . . .	\$500,828 69	\$428,260 95
In 1900 . . . . .	364,662 24	294,837 70
Decrease . . . . .	\$136,166 45	\$133,423 25

This large decrease arises from three causes :

*First.* The renewal of all the leases for mining coal at materially less rates of royalty.

*Second.* A larger percentage of shipment of the smaller sizes of coal than in any previous year ; and

*Third.* Decreased shipments due to the miners' strike during the months of September and October.

The original leases to mine coal from the Girard Lands were for five years, at the same rate of royalties running for the whole term, and for only two sizes of coal.

Under these, the shipments (1868) were large coal . 88 per cent.  
small coal . . . . . 12 “

The first renewals were for a period of fifteen years, with royalties increasing 1 cent per ton each year, from 25 cents per ton for large coal, and  $\frac{1}{2}$  cent per ton each year for chestnut coal, and ending with 39 cents for the former and 15 cents for the latter size. There was a charge of 6 cents per ton for pea coal.

Under these, the shipments (1883) were large coal . 72 per cent.  
small coal . . . . . 28 “

At the expiration of these leases another renewal for fifteen years was made and at the same rate of advance in royalties on large coal, but with a continued charge of 15 cents per ton for the small sizes.

These leases expired in 1898 and 1899 with royalties for large coal of 54 and 55 cents, and for small coal of 15 cents.

Under these, the shipments (1898) were large coal . 45 per cent.  
small coal . . . . . 55 “

The increased cost of mining anthracite coal, and the consequent advance in its price to the consumer, resulted in an increased consumption of bituminous coal, and this made any farther advance in the rates of royalties impossible.

After much delay, and a great deal of hesitancy on the part of the lessees, a farther renewal for fifteen years, from January 1st, 1899, was effected, with royalties of 40 cents for large coal, 25 cents for pea coal, 10 cents for buckwheat coal, and 5 cents for rice coal, figures far below those of the expiring leases.



During the past year the shipments were

large coal . . . . .	38 per cent.
small coal . . . . .	62 "

The increased shipment of small coal is to the advantage of the land owner who receives large payments for coal now shipped which under earlier conditions was thrown upon the culm bank.

This lengthy explanation is necessary to the proper understanding of the conditions which resulted in an average royalty in

1898 of . . . . .	41.41 cents per ton.
and in 1900 of . . . . .	28.81 " "

The third cause of the reduced income, the miners' strike, which stopped altogether the mining of coal during two of the busiest months of the year, has no permanent effect upon our income. The coal which would have been mined and consumed but for this strike, is still in the ground and will produce income later.

The net income from coal lands during the current year will, no doubt, show a large increase over the year 1900 because of increased shipments, but the conditions which formerly produced an income running into such large figures have been permanently changed, and in future "the Girard Estate within the City" will continue to show larger returns than "the Girard Estate in Schuylkill and Columbia Counties."

This changed condition does not, however, interfere in any manner with the present extent of the work of the Girard College or of its eventual enlargement, for the receipts from coal mined have for many years been held as real estate and reinvested as such.

These reinvestments are either in interest-bearing securities or in the improvement of properties of the Girard Estate in the City of Philadelphia.

The total shipments of anthracite coal from the collieries in the State of Pennsylvania were 45,107,484 tons, a decrease from the shipments of 1899 of 2,557,720 tons. The shipments from the Girard Estate were 1,092,357 tons, a decrease from the previous year of 122,672 tons—about ten per cent.

The total coal mined in 1900 was . . . . . 1,269,443 tons.  
Of this there were consumed in operating . . . 177,086 “

The percentage of the different sizes of coal shipped, compared with previous years, is as follows:

Year	Large Per cent.	Chestnut Per cent.	Pea Per cent.	Buckwheat Per cent.	Rice Per cent.	Per cent.
1863 . .	90.00	10.00	. .	. .	. .	100
1867 . .	87.49	12.17	.34	. .	. .	100
1878 . .	77.22	12.52	10.19	.07	. .	100
1895 . .	50.64	20.31	11.51	16.54	1.00	100
1900 . .	38.20	19.21	13.98	21.10	7.51	100

The largest shipment from one breaker was by the Lehigh Valley Coal Company, Packer No. 5, 223,452 tons.

The following collieries increased their shipments, and in the order named:

East Bear Ridge, Continental, Packer No. 5, and Packer No. 3.

The other collieries shipped less than in 1899, in the following order:

Packers Nos. 2 and 4, William Penn, Hammond, and Kehley's Run.

The total shipments from all the collieries and from the washeries, during the thirty-eight years of their operation, amount to 38,887,360 tons.

There was only one mine fire during the year, in Packer No. 3 Colliery. Details are given in the Engineer's report.

All the colliery improvements under and above ground are reported in good condition for large shipments. Six miles of new gangway were driven, and the necessary “dead work” was kept well ahead of mining operations.

The seven farms in the Catawissa Valley are occupied and appear to render satisfactory returns to the tenants.

No forest trees were planted in 1900. The former plantings are carefully guarded against fire, but in spite of our increased watchfulness more than four thousand dollars worth of young timber was burned. The losses to the Estate from this cause during the past four years amount to \$38,000.

The report of the GIRARD WATER COMPANY (*Appendix C*) shows that all its property is in good condition. This Company owns 1400 acres of mountain land at the head waters of Lost Creek and of Raven's Run; four reservoirs on these streams with a storage capacity of 177,000,000 of gallons, and two stone houses and outbuildings occupied by the watchmen.

The distributing mains are laid on the property of the Girard Estate, the Water Company paying an annual rental for their care and maintenance.

The pipes first laid are insufficient for the present demands, and some extensions, of larger diameter, were made in 1900. The following is the extent of pipe now in use:

11,311 feet, 4 inches in diameter				
13,300 " 6 " " "				
15,900 " 8 " " "				
13,158 " 12 " " "				

Total 53,669 feet =  $10\frac{1}{10}$  miles.

Other necessary extensions are planned for the current year.

The consumption of water in 1900 was largely in excess of any previous year, notwithstanding the idleness of the collieries during September and October, the result of the miners' strike.

There were used in mining operations at				
collieries and washeries . . . . .	200,568,225	galls.	or	70 per cent.
by railroads . . . . .	10,620,087	"	"	4 " "
and for domestic purposes . . . . .	76,669,835	"	"	26 " "

Total . . . . .	287,858,147	"	"	100 " "
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an increase of . . . . . 47,635,177 gallons over the year 1899.

The smallest consumption was in April . . 19,170,416 gallons.

The largest           “           “           “           September   26,812,180   “

In 1884, the first year of the Company's  
existence, the consumption was . . .   92,848,023   “

The total quantity of water supplied to its  
customers in seventeen years was . . .   2,853,583,425   “

The number of water leases is :

Collieries and washeries . . . . .	13
Railroad and traction companies . . . . .	2
Boroughs . . . . .	1
Water companies . . . . .	1
Stores and dwelling houses . . . . .	5
	<u>22</u>

At the beginning of the year the reservoirs were full and overflowing, and during the first few months the rainfall was excessive, flooding the collieries to such an extent as to compel a general suspension of mining operations for several weeks. Since the middle of March, the rainfall has been much below the normal, and a drought unprecedented in its severity and duration has prevailed, taxing to the utmost the resources of the Girard Water Company, in its effort to furnish an unlimited supply of water to all its customers.

At the close of the year, the supply on hand was reduced to 23,781,826 gallons, with a condition of rainfall and of frozen ground altogether unfavorable to an early increase.

This scarcity of water was general throughout the anthracite coal fields, and many of the collieries were compelled to haul from great distances water for steam purposes in tank trains. Those depending upon us for their supply were better served than most of those located elsewhere.

The question of an increased supply of water has had careful consideration. This can be secured either by pumping over the mountains out of the Catawissa Valley, or by the building of additional reservoirs, to retain the water during the months of excessive rainfall.

These plans involve the outlay of such large sums for construction, and the first also for continued maintenance, that it is deemed inadvisable to enter upon either of them.

The correctness of this conclusion is emphasized by the generally accepted fact that there cannot be any permanent growth in the output of anthracite coal sufficient to justify so large an investment in such an extension.

The weather records kept at the reservoirs of the Company show a total precipitation for the twelve months ending December 31st, 1900, of . . . . . 42.78 inches  
Average for 13 years preceding . . . . . 55.11 "

A deficiency of . . . . . 12.33 "  
The greatest precipitation was in July . . . . . 6.96 "  
and the least " " April . . . . . .94 "  
There was rain or snow fall on . . . . . 104 days  
the greatest being in November . . . . . 14 "

The total receipts of the Company were:

For Water-rents . . . . .	\$22,198 18	
" Ice-cutting Privileges . . . . .	146 02	
Miscellaneous . . . . .	108 08	
		\$22,452 28

which was expended as follows:

Rent of Pipe-lines . . . . .	\$5,000 00	
Repairs to houses and stables . . . . .	951 61	
" " reservoirs . . . . .	146 90	
General improvements : . . . . .	419 03	
Stationery and miscellaneous expenses . . . . .	245 87	
Taxes . . . . .	1,032 86	
Salaries . . . . .	840 00	
Dividends . . . . .	7,980 00	
Total . . . . .		16,616 27
Balance to Profit and Loss . . . . .		<u>\$5,836 01</u>

The report of the SUPERINTENDENT OF MINOR TRUSTS (*Appendix F*) and the report of the SURGICAL STAFF OF THE WILLS HOSPITAL (*Appendix G*) contain much valuable infor-

mation, but in such condensed form, and necessarily with so many statements of financial and statistical accounts, that they do not always receive the careful consideration that their importance demands.

There has been no increase during the year in the number, 35, of these Minor Trusts.

The capital accounts, the current receipts and expenditures, and the receipts from legacies, donations, &c., show slight increases, as follows :

The total invested capital of all the Minor Trusts

is . . . . . \$1,301,666 53

An increase of . . . . . \$10,656 00

The current income was . . . . . \$57,431 81

The receipts from legacies, donations, and premiums on bonds sold was . . . . . \$17,410 57

The principal expenditures were :

Wills Hospital . . . . . \$18,805 93

Mary Shields Almshouse Fund . . . . . 5,223 33

Fuel Funds . . . . . 9,065 64

Food—Bread and Soup . . . . . 765 00

Books, medals, &c., including annual payment  
to the Southwark Library from the Grover

Estate . . . . . 1,462 72

Simon Muhr Scholarships . . . . . 2,569 16

The total cost of the administration of all the Minor Trusts was \$2,699.70.

From the income of twelve FUEL FUNDS, 1944 tons of coal were distributed under the personal direction of the members of the Board.

Of the coal 1111 tons were paid for from the income of the Thomas D. Grover Fund. The conditions of this Trust limit the distribution "among white widows of respectable character, who are housekeepers or roomkeepers, born within the limits of the United States of America, whose husbands shall have died within the present defined boundaries of the district of Southwark."

The coal purchased by the other trusts is distributed as follows :

1	in the former district of Spring Garden . . . . .	30	tons.
1	" " " " " the Northern Liberties . . . . .	40	"
4	" " Old city of Philadelphia . . . . .	337½	"
5	" " present city of Philadelphia . . . . .	425½	"
	Total . . . . .	833	"

The demand for aid from the fuel funds, always greatly in excess of the limited supply, appears to have been greater during the past year, whilst the higher price of the coal, with the permanent reduction in income because of the lower rate of interest on investments, reduced the quantity available for relief.

The beneficiaries under the Grover Coal Trust are so strictly defined that its distribution is an easy matter. Those receiving the coal continue practically the same from year to year, and poverty is not a prerequisite for relief.

But how to distribute 147 orders, each for one ton of coal (Boudinot Fund), and 1372 orders, each for one-half ton of coal (10 other funds), to a practically innumerable host of applicants, so that the most worthy and needy may be served, and all within the limits of conditions and of locality prescribed by the several legatees, is a problem demanding patience and causing annoyance in its solution.

The members of the Board hope that the very many ladies and gentlemen who desire to aid in these distributions will appreciate the attendant difficulties, and also the utter impossibility of meeting the demands made upon them, except by the creation of other fuel funds by the charitably inclined.

The income from the SOUP TRUSTS, \$765, was expended through the Western and the Southwark Soup Societies.

The income from the STEPHEN GIRARD SCHOOL FUND purchased 425 books for the six grammar schools in the (old) city of Philadelphia. From the income of the JULIANA H. GOOD FUND books were purchased for the House of Correction, and the usual payment of \$300 was made to the Southwark Library Company from the GROVER FUND.

A part of the accumulated income from the RITTENHOUSE SCHOOL FUND was expended in much-needed repairs and improvements to the Alfred Crease School Building, on Wissahickon Avenue and Walnut Lane, Twenty-first Ward.

Under the SIMON MUHR FUND six scholarships are supported, four in the University of Pennsylvania, and two in Bryn Mawr College.

From the income of the HANNAH M. DODD MEDAL FUND one gold and one silver medal were awarded each in the Classical and in the Commercial Course of the Girls High School.

No loans were applied for "by young married artificers, &c.," under the JOHN SCOTT or the DR. BENJAMIN FRANKLIN FUNDS.

The latter Fund now amounts to \$136,644.90, of which sum \$104,309.08 awaits the erection of the proposed art gallery in Fairmount Park.

Upon the recommendation of the Franklin Institute nine medals and premiums were awarded from the income of the JOHN SCOTT MEDAL FUND to "ingenious men" for "useful inventions."

Of the income from the MARY SHIELDS ALMSHOUSE FUND \$5223.33 has been expended as prescribed by the terms of her will.

Our Visiting Physician reports the usual expenditures for reading matter, for musical entertainments and instruments, for additions to meals on holidays, and for material for the making of mattresses and of pillows. The last-named expenditure is of double importance, for by it useful employment is furnished to the insane who would otherwise be idle, and improved bedding is manufactured for the whole Institution.

After a personal inspection, by the Committee having supervision of this work, sundry improvements to the dining halls of the Insane Department, and the refurnishing of some of the wards in the Hospital were ordered.

The BOUDINOT ESTATE has again suffered loss by forest fires, the damage being estimated at \$10,000.



Much money has been expended in attempts to increase the income under this Trust by the cultivation of new timber, but the "sportsmen" and the lawless trespassers seem determined to keep the prospective income at a minimum, thereby curtailing the much-needed expenditure for coal for the poor of Philadelphia.

The "State Forest Preserve" of 40,000 acres, established to the east of the Boudinot Estate, is not yet sufficiently developed to be of benefit to our lands.

Until there can be some assurance of protection against this waste of burning timber, by the education of the ignorant and the punishment of the lawless, it is idle to expend much money in the attempted reforestation of these lands.

We so persistently present this question of forest fires, both here and in the anthracite coal regions, not merely because of the injury done to the several trusts under our care, but also because of the still greater damage done to the people generally. The landowner suffers by the destruction of the timber, the community is damaged by the injury done it because of cutting off the water supply, and the inevitable results following.

The following changes in the SURGICAL STAFF of the WILLS HOSPITAL occurred during the year 1900:

Dr. J. W. Croskey, Attending Surgeon, and Drs. James Thornton and Joseph A. Cramp, Assistant Surgeons, have resigned. Assistant Surgeon McCluney Radcliffe has been appointed Attending Surgeon to fill the vacancy caused by the resignation of Dr. Croskey. The vacancies in the Staff of Assistant Surgeons have been filled by the appointment of Drs. William J. Hain, William L. Zuill, and John William Pancoast.

Drs. Clarence Van Epps and Frank C. Parker were appointed Resident Surgeons, taking the place of Drs. Charles Lukens and Walter Bair Weidler, whose terms had expired.

This Institution owes its existence to the liberality of Mr. James Wills, who died in 1825, and by his last will and testament devised a large estate for its endowment. The Hospital was completed and opened for the treatment of diseases of the eye in 1834, and during the 67 years of its existence it has cared for 22,851 house patients, and 263,151 patients at clinic, total, 286,002.

During its earlier years, with but small numbers applying for treatment, and with a high rate of interest derived from the investments, its income was ample, but during the latter years, with a steadily growing list of patients and an equally steady reduction in the rate of interest, it is impossible to receive all entitled to the care and treatment contemplated by the founder.

Year by year the work grows; each recurring report of the Medical Staff repeats the pressing needs for enlarged accommodations and for more income for the maintenance of house patients.

Residents of "Philadelphia and its neighborhood" can, after treatment at clinics, return to their homes, but those living at a distance must be treated in the wards of the Hospital.

The records for the past year show that of 10,728 patients from Philadelphia only 271 were received as house patients, whilst 341 of the 1775 patients from other portions of Pennsylvania were so cared for.

Hundreds of other patients could have had better treatment, and their recovery hastened, had it been possible to receive them into the Institution.

The following summary of the statistical tables of the report of the MEDICAL STAFF (*Appendix G*) is interesting in this connection :

Number of patients treated :

	1899.	1900.	Increase.	Decrease.
House patients . . . . .	681	776	95	. . .
Clinic patients . . . . .	13,103	13,004	. .	99

Number of new patients :

House patients . . . . .	735
Clinic patients . . . . .	13,004
Total . . . . .	<u>13,739</u>

Number of visits of patients to Clinics . . . . .	46,800
Number of operations performed . . . . .	4,088
Number of operations for cataract . . . . .	279
Admitted as House patients, resident in Philadelphia . . . . .	271
Resident elsewhere . . . . .	464
Total . . . . .	<u>735</u>

The House patients are classified as follows :

	Males.	Females.	Total.
Number on January 1st, 1900 . . .	27	14	41
Admitted 1900 . . . . .	541	194	735
	<u>568</u>	<u>208</u>	<u>776</u>
Discharged 1900 . . . . .	537	195	732
Remaining December 31st, 1900 . .	<u>31</u>	<u>13</u>	<u>44</u>

The discharges were as follows :

Cured . . . . .	473
Improved . . . . .	223
Unimproved . . . . .	28
Not treated . . . . .	8
	<u>732</u>

The total number of patients treated at Clinics is classified as follows :

From 52 of the 67 counties of the State . . . . .	11,891
From 16 other States . . . . .	1,113
Total . . . . .	<u>13,004</u>

Of those admitted as House patients, there came from

44 counties of the State . . . . .	612
From 8 other States . . . . .	123
Total . . . . .	<u>735</u>

Total number of patients treated since 1834, the opening of the Hospital, 67 years :

House patients . . . . .	22,851
Clinic patients . . . . .	263,151
	<u>286,002</u>

The receipts and expenditures were :

	1900.	1899.	Decrease.	Increase.
Receipts . . .	\$19,268 98	\$19,322 17	\$53 19	
Expenditures .	18,805 12	17,568 81		\$1,236 31

The foregoing figures show the extent of the work and the means at hand to meet it, but no record can be kept of the deserving sufferers who come for relief from the threatened loss of eyesight, perhaps the most terrible affliction to befall mankind, and who must be turned away only partially helped.

This the complaint—what the remedy?

Application to the general public has not secured any material increase of our permanent income.

The world-wide and well-deserved reputation of Philadelphia's citizens for deeds of charity and for practical benevolence, is evidence that it is not a lack of ability to give and to give liberally, but the Wills Hospital has not been able to present its claims for help with sufficient force to assure favorable consideration for its appeals.

The rich endowments of other trusts under our care make the leanness of the endowment of Wills Hospital the more apparent, and our inability to relieve the suffering the more distressing, and we again appeal to the charitable for permanent help.

The following were the receipts from legacies and cash donations in 1900 :

Estate of Jane Allen Colhoun . . . . .	\$50 36
Sundry donors . . . . .	50 50
	<u>\$100 86</u>

Convinced by the facts and figures submitted by our Board to the General Assembly of the Commonwealth of Pennsylvania in 1893, we received an appropriation of \$10,000 for maintenance and of \$10,000 for work on needed extensions to the general wards and for the erection of a ward for the treatment of contagious diseases of the eye.

All subsequent requests for aid to complete this work have failed and the building stands unfinished, and, of course, unoccupied.

A renewed application for an appropriation has been made to the Legislature now in session at Harrisburg, which we earnestly hope will be granted.

The work of the Wills Hospital is of no pecuniary benefit to any one connected with its management. Neither surgeons nor directors receive compensation, either directly or indirectly; the knowledge of charitable work well done, and the commendation of their fellow citizens, is sufficient reward. That its work is of incalculable benefit not merely to Philadelphia, but to the Commonwealth of Pennsylvania, is shown by the following table of the residences of patients:

Pennsylvania.	House Patients.	Clinic Patients.	Total.	Pennsylvania.	House Patients.	Clinic Patients.	Total.
Adams County,	0	3	3	Lebanon County,	3	5	8
Allegheny "	2	8	10	Lehigh "	10	31	41
Beaver "	0	1	1	Luzerne "	37	56	93
Bedford "	2	5	7	Lycoming "	2	10	12
Berks "	5	23	28	McKean "	0	2	2
Blair "	18	50	68	Mercer "	1	0	1
Bradford "	7	14	21	Mifflin "	4	3	7
Bucks "	14	100	114	Monroe "	1	6	7
Cambria "	3	5	8	Montgom'ry "	14	304	318
Cameron "	3	1	4	Montour "	1	3	4
Carbon "	17	25	42	N'thampton "	22	42	64
Centre "	5	8	13	N'thumb'l'd "	10	15	25
Chester "	27	140	167	Perry "	2	5	7
Clearfield "	11	25	36	Philadelphia "	271	10,457	10,728
Clinton "	6	10	16	Potter "	0	2	2
Columbia "	1	5	6	Schuylkill "	34	71	105
Cumberland "	0	1	1	Snyder "	0	1	1
Dauphin "	9	37	46	Sullivan "	1	0	1
Delaware "	20	312	332	Susqu'h'nna "	0	3	3
Elk "	2	2	4	Tioga "	1	1	2
Erie "	0	1	1	Union "	1	4	5
Fayette "	0	1	1	Wayne "	1	2	3
Forest "	0	1	1	Westm'rel'd "	2	3	5
Franklin "	2	2	4	Wyoming "	1	3	4
Huntingdon "	3	6	9	York "	1	6	7
Jefferson "	2	1	3				
Juniata "	1	4	5				
Lackawanna "	26	41	67				
Lancaster "	6	24	30				
				Total from Penn-			
				sylvania . . .	612	11,891	12,503

These 12,503 afflicted persons, treated gratuitously by physicians ranking among the first in the world in their profession, in an institution unfortunately most insufficiently equipped and with altogether inadequate accommodations, return to their several

homes, most of them cured and the others improved because of this treatment, to resume their places in the ranks of the producers, and not among those dependent upon the community for their support.

Surely a moderate expenditure of the public funds for a purpose so profitable to the taxpayer, so helpful to the afflicted, and so gratifying to the better part of human nature, must commend itself to the representatives of the people in General Assembly met, and, in full confidence in the merits of this cause, we earnestly ask for favorable action upon our request.

The Board of Directors of City Trusts invites your careful consideration to the reports of the several executive officers hereto appended.

These give in detailed description the actual work of the past year, and also the more important statements of its financial transactions, of which the foregoing is but a summary.

We are charged with the administration of the affairs of thirty-seven distinct and separate trusts, varying in amount of invested capital from \$100 to \$15,987,593, the former the Roberts School Fund (1763), the latter the Girard College Endowment (1831).

The earliest trust, created in 1739 by William Carter, was for the relief of the poor, invested capital \$1174, and the latest in 1896, by Simon Muhr, "for the welfare of children attending the public schools of Philadelphia," invested capital \$66,900.

Eight trusts were created in the eighteenth century, nineteen in the first half of the nineteenth century, and ten since 1850.

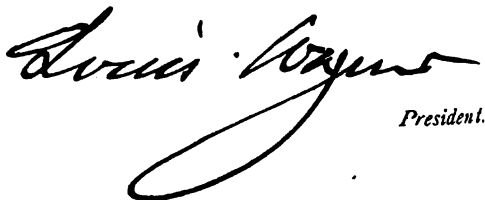
The purposes of the testators are as varied as the wants they desired relieved and the good they wished accomplished.

5	are for Colleges and Schools,
3	" " Hospitals,
3	" " Almshouse and House of Correction,
15	" " Fuel and Food,
2	" " Aid to Mechanics,
3	" " Medals, and
6	" " Miscellaneous Purposes.
37	Trusts.

The accounts of these several trusts are kept strictly separate and distinct, and the income is carefully applied to the purposes indicated in the wills.

Our annual reports give a faithful statement of the administration, which has been in strict compliance with the expressed wishes of the testators, and, we hope, to the approval of the authorities to whom the Act of Assembly creating this Board directs us to make this report.

In behalf of the Board of Directors of City Trusts,

  
President.

PHILADELPHIA, January 2d, 1901.

## APPENDIX A.

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# REPORT OF THE SUPERINTENDENT

OF THE

# GIRARD ESTATE

FOR THE YEAR ENDED DECEMBER 31, 1900.

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## OFFICERS OF THE GIRARD ESTATE.

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### GENERAL.

SUPERINTENDENT . . . . . GEORGE E. KIRKPATRICK.  
SOLICITOR . . . . . FRANCIS E. BREWSTER.  
ARCHITECT . . . . . JAMES H. WINDRIM.

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### REAL ESTATE IN SCHUYLKILL AND COLUMBIA COUNTIES.

ENGINEER . . . . . HEBER S. THOMPSON, Pottsville.  
SOLICITOR . . . . . SAMUEL H. KAERCHER, Pottsville.  
ASSISTANT SUPERINTENDENT . . . . EMIL C. WAGNER, Girardville.  
MINE INSPECTOR . . . . . JOHN B. GRANGER, Girardville.



## GIRARD ESTATE.

### SUPERINTENDENT'S REPORT FOR 1900.

*To the Board of Directors of City Trusts.*

GENTLEMEN:—The Cash Receipts and Payments of the Girard Estate—Residuary and Delaware Avenue Funds—for the year 1900, and the comparison of these figures with those of the year 1899, are as follows :

GROSS RECEIPTS.	1899.	1900.	INCREASE.	DECREASE.
Real estate, out- side of the city .	\$500,828 69	\$364,662 24		\$136,166 45
Real estate, within the city . . . .	555,789 31	556,645 62	\$856 31	
Stocks and loans— Residuary . . .	199,836 86	279,398 76	79,561 90	
Stocks, loans, &c., Delaware Ave- nue . . . . .	42,829 79	41,771 08		1,058 71
	<u>\$1,299,284 65</u>	<u>\$1,242,477 70</u>	<u>\$80,418 21</u>	<u>\$137,225 16</u>
Total decrease .		56,806 95	56,806 95	
	<u>\$1,299,284 65</u>	<u>\$1,299,284 65</u>	<u>\$137,225 16</u>	<u>\$137,225 16</u>

NET RECEIPTS.	1899.	1900.	INCREASE.	DECREASE.
Real estate, out- side of the city .	\$428,260 95	\$294,837 70		\$133,423 25
Real estate, within the city . . . .	337,216 85	350,314 13	\$13,097 28	
Stocks and loans— Residuary . . .	139,072 03	219,687 38	80,615 35	
Stocks and loans, &c., Delaware Avenue . . . .	41,110 17	34,216 42		6,893 75
Carried forward,	<u>\$945,660 00</u>	<u>\$899,055 63</u>	<u>\$93,712 63</u>	<u>\$140,317 00</u>

[500]

<i>Brought forward,</i>	\$945,660 00	\$899,055 63	\$93,712 63	\$140,317 00
General office ex- penses . . . . .	32,032 67	31,851 40		181 27
	<u>\$913,627 33</u>	<u>\$867,204 23</u>	<u>\$93,712 63</u>	<u>\$140,135 73</u>
Net decrease .		46,423 10	46,423 10	
	<u>\$913,627 33</u>	<u>\$913,627 33</u>	<u>\$140,135 73</u>	<u>\$140,135 73</u>

Further analysis of these figures shows this decrease of net receipts to be made up of:

Reduction of gross receipts from real estate out of city . . . . .	\$136,166 45
Reduction of gross receipts, and premiums from stocks and loans, Delaware Avenue Fund . . . . .	1,058 71
Increase in expenses, premiums, &c., for stocks and loans, Delaware Avenue Fund .	5,835 04
	<u>\$143,060 20</u>

Less:

Increase of gross receipts from real estate within the city . . . . .	\$856 31
Increase of gross receipts, premiums, &c., from stocks and loans—Residuary Fund :	79,561 90
Decrease in expenses for real estate out of city . . . . .	2,743 20
Decrease in expenses for real estate in the city . . . . .	12,240 97
Decrease in expenses, premiums, &c., stocks, and loans, Residuary Fund . . . .	1,053 45
Decrease in general office expenses . . . .	181 27
	<u>96,637 10</u>
Decrease of total net receipts . . . . .	<u>\$46,423 10</u>

During the year 1899, all but two of the collieries upon the Girard Estate were operated under the new form of agreement, which provides for a much-reduced rate of royalty. On January 1st, 1900, these two collieries began to operate under the new leases, thus further reducing the income.

The average royalty per ton earned by the Girard Estate during the year 1898, when all its collieries were under the old form of lease, was . . . . . 41.41 cents.

In the year 1899, when all the collieries except two were under the new forms of agreement, this average royalty per ton was . . . . . 34.89 cents.  
 And in the year 1900, when all were under the new form of agreement, this was . . . . . 28.81 "

The above-stated average rates of royalty cover all shipments of coal from the Girard Estate, both the freshly mined and that prepared for market from the culm banks. Separating these two classes, the average royalties earned in the several years specified were :

	Freshly-mined shipments.	Culm-bank shipments.	All shipments.
1898 . . . . .	42.26 cents.	12.17 cents.	41.41 cents.
1899 . . . . .	35.34 "	12.76 "	34.89 "
1900 . . . . .	30.76 "	10.43 "	28.81 "

The decrease in rate royalty, as shown above, is to a large extent the cause of the diminishing cash receipts from royalties during these years ; but in the year 1900, these were still further reduced by a decrease in the output, the total shipments of 1900 being 122,672 tons less than those of 1899. This reduction is attributable largely to the strike of September and October and to the stoppage of shipments during the progress of the improvements at Packer No. 4 Colliery.

In 1898, the total shipments amounted to 1,200,842 tons ; in 1899, 1,215,369 tons ; and in 1900, 1,092,357 tons, which divided as in the above statement of average royalties shows :

	Freshly-mined shipments.	Culm-bank shipments.	All shipments
1898 . . . . .	1,167,157	34,027	1,201,184
1899 . . . . .	1,190,814	24,215	1,215,029
1900 . . . . .	987,650	104,707	1,092,357

In 1900, the amount collected on account of the sums advanced under the early leases to assist lessees in the erection of breakers and of other colliery improvements, was \$17,997.66. This was \$16,721.12 less than the sum collected on this account in 1899, but that year included a full settlement of this account at North Ashland Colliery—\$20,000—while the collections of 1900 include only the monthly installments called for by the present colliery

leases. The balance still due on this account is \$98,622.46. If the rate of collection during the year 1900 is continued, this will be entirely repaid within the next six years.

The cash collections from real estate without the city—other than from royalty on coal mined—do not differ materially from those of previous years, and are so small compared with the receipts from royalties, that they make very little difference in the general result.

The transfers of the lease of Kimberly Colliery, covering the mining rights on the John Blackey and the Thomas Paschall Tracts, by Mr. J. I. Hollenbeck to the Philadelphia and Reading Coal and Iron Company; and of the culm bank lease at William Penn Colliery (Schuylkill Washery, No. 1) by Mr. J. N. Thomas to the North American Coal Company, which were under negotiation at the date of my last annual report, have been completed, and the agreements of transfer are executed, approved by the lessor, and delivered.

No shipments have as yet been made under the Kimberly Colliery lease. The first shipment from the William Penn culm banks was made in November last, 4591 tons being shipped in November and December. The first shipment from the Raven Run Washery, under lease of October 12th, 1898, was made in February, the quantity sent to market during the year being 35,598 tons.

The most important colliery improvements in progress during the year, have been the erection of the new breaker, &c., at Packer No. 4 Colliery, where the Lehigh Valley Coal Company purposes preparing for market the entire product of Packer Nos. 2, 3, and 4 Collieries, and the sinking of a new shaft at William Penn Colliery by the Susquehanna Coal Company. Satisfactory progress is being made at both places.

Important additions to the facilities for the distribution of water from the reservoirs of the Girard Water Company have been made in the extension of the twelve-inch pipe line from its old terminus near Hammond Breaker to Packer No. 5 Breaker, and the laying of a four-inch branch from this line to Packer No. 1 Slope.

Details of these and of other matters relative to the Girard Estate in Schuylkill and Columbia Counties will be found in the report of the Engineer (Appendix B).

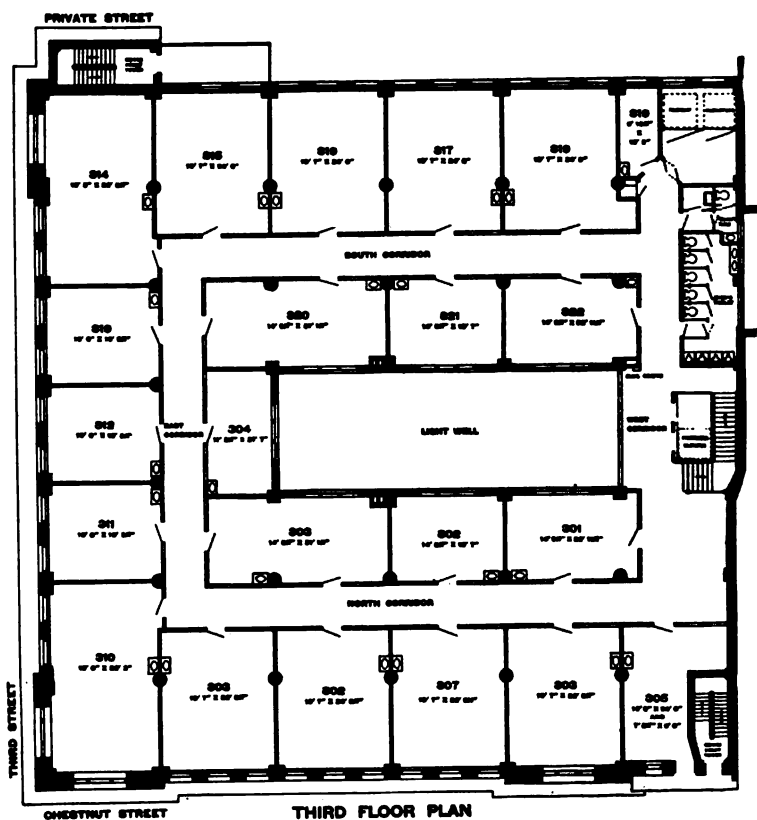
The gross income from real estate within the city is \$856.31 in excess of that collected in the year 1899. An analysis of this account shows that there has been a considerable increase in the income from certain localities and a corresponding decrease from others. The most marked increase is shown in the income from the Stephen Girard Building and from the property in the block between Eleventh and Twelfth Streets, Market and Chestnut Streets, and on Delaware Avenue and Front Street north of Market Street, while the income from property in the vicinity of Sixth and Brown Streets, and Third and Chestnut Streets has decreased.

The expense accounts show a decrease of \$12,240.97. In the expenses of 1899, however, is included a sum of \$15,947.31 extraordinary expenses connected with the permanent equipment of the Stephen Girard Building—while in the year 1900, such expenditures amounted to but \$3138.40. If these items are eliminated from the calculations, the expenses of the two years under comparison will be found to be very nearly equal.

For the improvement of the property southwest corner Third and Chestnut Streets, which was under consideration one year ago, a contract for the erection of a new building was awarded to Messrs. W. A. and A. E. Wells, and work was well under way by the first of June. The building is now under roof and is rapidly approaching completion. It has a frontage on Chestnut Street of one hundred and twenty-one feet nine and one-fourth inches and on Third Street of one hundred and twenty-one feet—with a passageway of thirty feet between it and the Girard Bank Building. It is eight stories in height, built upon a steel framework, faced with granite, Indiana limestone, Pompeian brick, and terra cotta, and will be thoroughly fireproof and fully equipped with passenger and freight elevators, steam heat, electric light, and power.

The heat, electric light, and power for this building and for the other property of the Girard Estate in that vicinity, as well as electric light and power for the property of the Estate in the vicinity of Fifth and Chestnut Streets and of Front and Market Streets, also the electric current for public street lighting on Delaware Avenue and Front Street, between Vine and South Streets; will be furnished from a power plant which is under construction on the site of the old building, 312 Stock Exchange Place. This power house has a frontage of fifty-eight feet eight inches on Stock Exchange Place and a depth on Hudson Street of one hundred





MARINER AND MERCHANT BUILDING  
PHILADELPHIA

and two feet eight inches. Its equipment will be a battery of boilers of twelve hundred horse-power and electric generators aggregating five hundred Kilo-Watts. The underground conduit to Fifth and Chestnut Streets has been completed, and work is now in progress upon that to connect with the lighting circuit on Delaware Avenue and on Front Street and with the property at Front and Market Streets.

When the improvements at Third and Chestnut Streets were first contemplated—indeed, when the contract for the erection of the buildings was awarded—it was not known that the Philadelphia Stock Exchange was about to make arrangements to remove from the Drexel Building to its old quarters in the Exchange Building at Walnut, Third, and Dock Streets, and it was expected that the lower floors of the building at Third and Chestnut Streets would be occupied principally by offices of railroads and of freight lines. The return of the Stock Exchange to this vicinity will, without doubt change the character of this occupancy to that of stock brokers and bankers and the floor plans have been revised to meet this changed condition of affairs—that of the street level being modified to furnish an attractive entrance and corridor from Third Street, and commodious offices, specially adapted for the use of brokers, each office opening both on the street and on the corridor ; a handsome stairway from the first to the second floor level being provided near the Third Street entrance, and the second and higher floors being divided into large and well-lighted offices.

These offices are about to be offered for rental, and it is believed that they will be quickly tenanted. A perspective view of the building and plans of the first, second, and third floors, the latter being typical of the higher floors, are submitted herewith.

Arrangements for supplying heat, light, and power to the building 1100-1114 Market Street by connecting the plant in the vault of the Stephen Girard Building with that of the former building and the operation of the two plants under one management were completed early in the year and work thereunder was begun on February 15th. This has already resulted in a considerable saving both to the Girard Estate and to the lessee of 1100-1114 Market Street.

The power plant in the vault of the Stephen Girard Building, and its auxiliary plant in the vault of 1100-1114 Market Street, now



The average number of pupils maintained at Girard College during the year, December 1st, 1899, to November 30th, 1900, was 1512, and the cost of their maintenance during this period (the cash expenditure of the calendar year 1900) was \$316.72 *per capita*, made up as follows:—

## HOUSEHOLD.

Wages . . . . .	\$50 04	
Subsistence . . . . .	77 02	
Clothing . . . . .	33 71	
Dry goods . . . . .	6 11	
Furniture . . . . .	5 19	
Repairs . . . . .	10 05	
Grounds . . . . .	4 21	
Lighting . . . . .	3 42	
Fuel . . . . .	16 87	
Water rent . . . . .	60	
Laundry supplies . . . . .	2 76	
Salaries . . . . .	22 43	
Incidentals . . . . .	10 72	
		<u>\$243 13</u>

## INFIRMARY.

Salaries . . . . .	\$3 16	
Maintenance . . . . .	5 16	
		<u>8 32</u>

## INSTRUCTION.

Salaries . . . . .	\$44 99	
Books, stationery, &c. . . . .	4 57	
Chemical laboratory . . . . .	53	
School and chapel furniture . . . . .	66	
School and philosophical apparatus . . . . .	51	
Department of Natural History . . . . .	12	
Library books and binding . . . . .	33	
		<u>51 71</u>

## MECHANICAL INSTRUCTION.

Salaries . . . . .	\$8 46	
Incidentals, supplies, &c. . . . .	2 65	
		<u>11 11</u>

## ADMISSION, DISCIPLINE, &amp;C.

Salaries and expenses . . . . .	\$1 98	
Rewards and premiums . . . . .	47	
		<u>2 45</u>
		<u><u>\$316 72</u></u>

The only loss sustained by the FIRE INSURANCE FUND during the year came from a slight fire which occurred in the dwelling house on Farm No. 5, the damage being \$40.31. The assets of the Fund now have a face value of \$35,776.67; the total risks carried amounting to \$799,350.

The income of the FUND FOR THE IMPROVEMENT OF THE EASTERN FRONT OF THE CITY continues to decrease, as a result of the sale of a portion of its invested funds, accumulated income of previous years, to pay for the improvements to the Delaware front of the city now in progress.

The sale to the Commissioners of the Sinking Fund of the 6 per cent. Philadelphia City Loan and the purchase in exchange of Philadelphia City 3 per cent. loan, referred to above in connection with the Residuary Fund, were also important items in the business of this Fund. The sale and purchase of stocks and bonds during 1900 and similar figures for the year 1899 may be thus stated:—

1900:—

Face of investments sold or matured . . . . .	\$140,850 00
Premiums realized . . . . .	\$9,886 35
Discounts allowed . . . . .	968 77
	<u>8,917 58</u>

Total amount realized . . . . . \$149,667 58

Face of investments purchased . . . . .	\$140,600 00
Premiums on bonds purchased . . . . .	5,301 95
	<u>\$145,901 95</u>

1899:—

Face of investments sold or matured . . . . .	\$245,700 00
No discounts nor premiums.	
Total amount realized . . . . .	<u>\$245,700 00</u>

No investments purchased.

Omitting items of premium and discount, the comparison between the income collected in 1900 and in 1899 becomes—

1900—Net income of fund . . . . .	\$30,600 79
1899— " " " . . . . .	41,110 17
Decrease of ordinary net income . . . . .	<u>\$10,509 38</u>

The widening of Delaware Avenue from Vine to South Streets, with the paving of the bed of the new portion of the avenue, was completed early in the year, and during the Autumn such portions of the new pavement as had settled so as to become unsightly, were taken up and relaid on grade. Contracts for the supplying and laying of underground conduits for the carrying of wires for electric lighting and other purposes have been made, and a considerable portion of this work is now completed.

Negotiations are now in progress between and with the several companies interested, by which it is hoped an agreement will be reached whereby ample railroad facilities will be furnished to all the property abutting upon the avenue and for through traffic, without interfering with the ordinary uses of the highway.

The lighting, cleaning, and general care of the streets on the eastern front of the city have continued as heretofore.

Five wooden buildings have been torn down and removed, at a total cost to the Girard Estate of \$350.

The usual statements of invested assets, cash receipts, and payments are appended.

Very respectfully,

GEO. E. KIRKPATRICK,  
*Superintendent Girard Estate.*

PHILADELPHIA, December 31st, 1900.

## GIRARD ESTATE.

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### RESIDUARY FUND,

FOR THE MAINTENANCE AND EXTENSION OF GIRARD COLLEGE.

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### REAL ESTATE, STOCKS, AND LOANS,

COMPOSING INVESTED CAPITAL.

DECEMBER 31ST, 1900.

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### REAL ESTATE.

Girard College ground, and buildings (approximate cost)	\$3,350,000 00
Banking houses, dwellings, stores, wharves, and farms in the city of Philadelphia; assessed valuation for 1900 . . . . .	5,807,800 00
Real estate in Schuylkill and Co- lumbia Counties, Pennsylvania, about 18,000 acres; assessed valuation for 1900 . . . . .	1,703,143 00
<i>Amount carried forward</i> . . . . .	\$10,860,943 00

*Amount brought forward . . . . .* \$10,860,943 00

### STOCKS AND LOANS.

	Par Value.
663 shares of stock, Chesapeake and Delaware Canal Company	\$33,150 00
Bond, Ridge Turnpike Company	10,000 00
1 share stock, Susquehanna and Lehigh Turnpike Company .	100 00
State of Penna. 4 per cent. loan,	66,350 00
State of Penna. 3½ " " "	17,000 00
Allegheny Co. 5 " " "	4,000 00
Allegheny Co. 4 " " "	25,000 00
Allegheny City 4 " " "	6,000 00
Schuylkill Co. 3 " " "	20,000 00
City of Phila. 3 " " "	597,000 00
City of Phila. 3½ " " "	586,700 00
City of Phila. 4 " " "	910,650 00
City of Pittsbgh. 4 " " "	30,000 00
City of Pittsbgh. 5 " " "	49,000 00
City of Pittsbgh. 7 " " "	2,500 00
Girard Water Company stock .	199,700 00
Reading Co., and Philadelphia and Reading C. & I. Co.'s general mortgage 4 per cent. bonds,	6,000 00
Bonds and mortgs. on real estate,	2,383,500 00
Ground rents . . . . .	180,000 00
	<hr/> 5,126,650 00
Total invested capital of Residuary Fund . .	<hr/> <u>\$15,987,593 00</u>

**CASH RECEIPTS AND EXPENDITURES OF THE RESIDUARY FUND FROM JANUARY 1st, 1900, TO DECEMBER 31st, 1900, INCLUSIVE.**

**Receipts.**

**REAL ESTATE WITHOUT THE CITY OF PHILADELPHIA.**

Rents and royalties from collieries .	\$350,430	94
Sale of timber . . . . .	2,378	95
Rent of real estate, &c. . . . .	5,995	02
Rent of water-pipe lines . . . . .	5,000	00
Sale of surface right of lots . . . .	849	12
Interest on deferred payments for the same . . . . .	8	21
	<hr/>	\$364,662 24

**REAL ESTATE IN THE CITY OF PHILADELPHIA.**

Rent of real estate . . . . .	\$529,627	24
Miscellaneous receipts, city . . . .	27,018	38
	<hr/>	556,645 62
Damages for land taken by Pennsyl- vania Railroad Company . . . . .		6,000 00

**STOCKS AND LOANS.**

Interest United States loan . . . .	\$1,000	00
“ Philadelphia City loan . . . . .	83,617	50
“ Pennsylvania State “ . . . . .	3,199	00
“ Allegheny City “ . . . . .	200	00
“ Pittsburgh City “ . . . . .	3,460	00
“ Allegheny County “ . . . . .	1,480	00
“ Schuylkill County “ . . . . .	600	00
“ Mortgage loans . . . . .	93,448	35
“ Reading Company, and Philadelphia and Read- ing Coal and Iron Com- pany's bonds . . . . .	240	00
“ on deposits in bank . . . . .	3,464	42
Ground rents . . . . .	10,608	33
Dividend Girard Water Company stock . . . . .	7,968	00
Dividend Reading Company stock .	19	50
	<hr/>	209,305 10
Premium on bonds sold . . . . .		70,093 66
<i>Amount carried forward . . . . .</i>		<hr/> \$1,206,706 62

**RECEIPTS—RESIDUARY FUND.—Continued.**

<i>Amount brought forward</i> . . . . .	\$1,206,706 62	
Sale of waste material, Girard College . . . . .	\$1,841 38	
Advances to wards' estates, returned . . . . .	208 00	
Loan from Bank of North America, . . . . .	25,000 00	
Taxes 422 North Sixth Street, collected from former owner . . . . .	334 70	
		27,384 08
Principal of investments collected :—		
United States loan . . . . .	\$100,000 00	
Philadelphia City loan . . . . .	523,300 00	
Allegheny County loan . . . . .	7,000 00	
Mortgage loans . . . . .	377,900 00	
Ground rent extinguished . . . . .	50,000 00	
Reading Company stock :—		
First preferred . . . . .	650 00	
Second preferred . . . . .	21,250 00	
Common . . . . .	34,000 00	
		1,114,100 00
Total receipts, Residuary Fund . . . . .	\$2,348,190 70	

**EXPENDITURES—RESIDUARY FUND, ESTATE.****REAL ESTATE WITHOUT THE CITY OF PHILADELPHIA.**

Taxes . . . . .	\$42,636 57	
Refunded by lessees . . . . .	7,662 46	
		\$34,974 11
Expenses water-pipe lines . . . . .	8,198 84	
Forest tree culture . . . . .	462 15	
Miscellaneous expenses . . . . .	6,206 88	
Repairs, &c., to real estate . . . . .	2,282 04	
Farm improvements, Catawissa Valley . . . . .	1,280 52	
Salaries . . . . .	16,420 00	
		\$69,824 54
<i>Amount carried forward</i> . . . . .		\$69,824 54

## EXPENDITURES—RESIDUARY FUND, ESTATE.—Continued.

<i>Amount brought forward</i> . . . . .		\$69,824 54
REAL ESTATE IN THE CITY OF PHILADELPHIA.		
Taxes . . . . .	\$101,004 44	
Water rents . . . . .	6,357 03	
General repairs . . . . .	\$24,031 58	
Collected from tenants on account of repairs, fire damages, &c. . . . .	1,359 84	
		22,671 74
Wages, Stephen Girard Building . . . . .	25,675 49	
Supplies, Stephen Girard Building . . . . .	\$16,576 82	
Less amount collected from tenants . . . . .	83 83	
		16,492 99
Fuel . . . . .	18,362 71	
Salaries . . . . .	5,264 94	
Law and miscellaneous expenses . . . . .	\$12,847 54	
Insurance rebates, &c. . . . .	4,298 93	
		8,548 61
Improvement of Girard Park . . . . .	1,953 54	
		206,331 49
Purchase of farm on Magazine Lane, . . . . .	\$34,759 87	
Erection of building southwest corner Third and Chestnut Streets . . . . .	194,250 99	
Erection and equipment of power plant 312 Stock Exchange Place . . . . .	30,903 72	
Erection of Stephen Girard Building, . . . . .	1,716 67	
Extension of power plant, Stephen Girard Building . . . . .	3,912 97	
1120-42 Market Street, alterations . . . . .	2,878 02	
1120-42 Market St., fire equipment, . . . . .	672 00	
1100-14 Market St., " " . . . . .	1,927 55	
<i>Amount carried forward</i> . . . . .	\$271,021 79	\$276,156 03



**EXPENDITURES—RESIDUARY FUND, ESTATE.—Continued.**

<i>Amount brought forward . . .</i>	<i>\$271,021 79</i>	<i>\$276,156 03</i>
435 Chestnut Street, heating and electric lighting . . . . .	2,757 48	
1101 Chestnut Street, elevator . .	3,500 00	
• 1111 Chestnut Street, " . .	5,461 92	
Street improvements, Twenty-sixth and Thirty-sixth Wards . . .	7,829 66	
Grading lots Eighteenth and Porter Streets . . . . .	469 50	
Grading farm No. 11 . . . . .	464 80	
Sundry permanent improvements,	700 00	
		292,205 15

**STOCKS AND LOANS.**

Expenses of investment . . . . .	\$446 94	
Premium on bonds purchased . .	16,914 45	
Discount on Reading Company stock sold . . . . .	42,349 99	
		59,711 38

**GENERAL OFFICE EXPENDITURES.**

Salaries . . . . .	\$18,398 36	
General expenses . . . . .	13,453 04	
		31,851 40
Expenditures account wards' estates . . . . .		76 93
Loan from Bank of North America returned . .		25,000 00

**INVESTMENTS AND REINVESTMENTS.**

Bonds and mortgages . . . . .	\$701,200 00	
Philadelphia City 3 per cent. loan	475,800 00	
Philadelphia City 6 " " "	1,000 00	
Pittsburgh City 4 " " "	12,000 00	
Pittsburgh City 5 " " "	5,000 00	
Allegheny City 4 " " "	6,000 00	
Pennsylvania State 4 " " "	2,500 00	
		1,203,500 00

Total expenditures for Residuary Fund, Estate \$1,888,500 89

**EXPENDITURES—GIRARD COLLEGE.****HOUSEHOLD.**

Wages . . . . .	\$75,656 55	
Subsistence . . . . .	116,456 61	
Clothing . . . . .	50,966 53	
Dry goods . . . . .	9,235 80	
Furniture . . . . .	7,853 71	
Repairs . . . . .	15,192 69	
Grounds . . . . .	6,365 56	
Lighting . . . . .	5,172 94	
Fuel . . . . .	25,510 10	
Water rent . . . . .	906 48	
Laundry supplies . . . . .	4,170 83	
Salaries . . . . .	33,909 02	
Incidentals . . . . .	16,201 98	
		\$367,598 80

**INFIRMARY.**

Salaries . . . . .	\$4,783 02	
Maintenance . . . . .	7,795 09	
		12,578 11

**INSTRUCTION.**

Salaries . . . . .	\$68,029 38	
School books and stationery . . . . .	6,910 43	
Chemical laboratory . . . . .	799 77	
School furniture . . . . .	994 58	
School and philosophical apparatus . . . . .	768 05	
Department of Natural History . . . . .	188 41	
Library, books and binding . . . . .	500 33	
		78,190 95

**MECHANICAL INSTRUCTION.**

Salaries . . . . .	\$12,790 00	
Supplies, &c. . . . .	4,013 58	
		16,803 58

**ADMISSION, DISCIPLINE, &c.**

Salaries . . . . .	\$2,400 00	
Expenses of admission . . . . .	587 33	
Rewards and premiums . . . . .	717 21	
		3,704 54

Total expenditures for Girard College . . . . .	<u>\$478,875 98</u>
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### RECAPITULATION.—RESIDUARY FUND.

#### Receipts.

Real estate out of City	\$364,662	24	
Expenses . . . . .	69,824	54	
			\$294,837 70
Real estate in the City	\$556,645	62	
Expenses . . . . .	206,331	49	
			350,314 13
Stocks and Loans . .	\$279,398	75	
Expenses . . . . .	59,711	38	
			219,687 38
			\$864,839 21
General Office Expenses . . . . .			31,851 40
Net Receipts, Residuary Fund . . . . .			\$832,987 81
Damages for land taken by Pennsylvania Railroad Company . . . . .			6,000 00
Principal of investments collected . . . . .			1,114,100 00
Sale of waste material . . . . .			1,841 38
Temporary loans returned . . . . .			208 00
Loan from Bank of North America . . . . .			25,000 00
Taxes 422 North Sixth Street collected from former owner . . . . .			334 70
Cash balance, January 1st, 1900 . . . . .			59,076 78
			\$2,039,548 67

#### Payments.

Girard College expenses, ordinary .	\$478,875	98	
Advances to wards' estates . . . . .		76	93
Loan from Bank of North America returned . . . . .		25,000	00
Permanent improvements to real estate in Philadelphia . . . . .		292,205	15
Investments and reinvestments, mortgages, &c. . . . .		1,203,500	00
			1,999,658 06
Cash balance, December 31st, 1900 . . . . .			\$39,890 61

## FIRE INSURANCE FUND.

Established in December, 1892, to take the Place of Cancelled Fire Insurance Policies upon Certain Selected Buildings.

## INVESTED CAPITAL, DECEMBER 31ST, 1900.

Bonds and mortgages . . . . .	\$28,800 00
Philadelphia City 3 per cent. loan . . . . .	800 00
Pittsburgh City 4 " " . . . . .	3,000 00
Deposit in Western Saving Fund . . . . .	1,134 90
Total . . . . .	<u>\$33,734 90</u>

## CASH RECEIPTS AND EXPENDITURES FROM JANUARY 1ST, 1900, TO DECEMBER 31ST, 1900, INCLUSIVE.

## RECEIPTS.

Fire insurance, annual premiums . . . . .	\$1,264 70
Interest bonds and mortgages . . . . .	1,303 75
" Philadelphia City loan . . . . .	66 00
" Pittsburgh City loan . . . . .	120 00
" on deposits in bank . . . . .	29 35
	<u>\$2,783 80</u>
Premium on bonds sold . . . . .	135 80
Philadelphia City 6 per cent. loan sold . . . . .	1,400 00
Cash balance January 1st, 1900 . . . . .	2,924 68
	<u>\$7,244 28</u>

## EXPENDITURES.

Fire insurance premiums returned . . . . .	\$749 40
Fire loss . . . . .	40 31
General expenses . . . . .	56 88
Premium on bonds purchased . . . . .	555 92
Investments :—	
Pittsburgh City 4 per cent.	
loan . . . . .	\$3,000 00
Philadelphia City 3 per	
cent. loan . . . . .	800 00
	<u>3,800 00</u>
	<u>5,202 51</u>
Cash balance December 31st, 1900 . . . . .	<u>\$2,041 77</u>

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**FUND FOR THE IMPROVEMENT OF THE DELAWARE FRONT  
OF THE CITY, REMOVAL OF WOODEN BUILDINGS, &c.**

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**Stocks and Loans Appropriated by the Executors of Stephen  
Girard's Will for the Improvement of the Delaware Front of  
the City, &c., with Subsequent Investments and Reinvestments.**

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DECEMBER 31ST, 1900.

	Par Value.
22 shares stock, Insurance Company	
State of Pennsylvania . . . . .	\$4,400 00
State of Pennsylvania 3½ per cent. loan . . . . .	5,000 00
City of Philadelphia 3 per cent. loan	\$150,600 00
“ “ 3½ “ . . . . .	50,000 00
“ “ 4 “ . . . . .	246,400 00
	<hr/> 447,000 00
City of Pittsburgh 4 per cent. loan . .	\$15,300 00
“ “ 4½ “ . . . . .	4,000 00
“ “ 5 “ . . . . .	12,000 00
“ “ 7 “ . . . . .	3,000 00
	<hr/> 34,300 00
Bonds and mortgages upon real estate . . . . .	215,700 00
	<hr/>
Total . . . . .	<u>\$706,400 00</u>

**Cash Receipts and Expenditures of the Fund for the Improvement of the Delaware Front of the City, &c., from January 1st, 1900, to December 31st, 1900, inclusive.**

RECEIPTS.

Interest Philadelphia City loan . . .	\$17,225 00	
“ Pittsburgh City “ . . .	2,592 00	
“ Pennsylvania State “ . . .	175 00	
“ mortgage loans . . . . .	10,128 07	
“ on deposits in bank . . .	1,574 66	
Rent of electrical duct, Front Street,	190 00	
		\$31,884 73
Premium on bonds sold . . . . .		9,886 35
Principal of investments collected :—		
Philadelphia City 6 per cent. loan,		
matured and sold . . . . .	\$102,000 00	
Pittsburgh City 4½ per cent.		
loan, sold . . . . .	22,000 00	
Mortgages, principal collected . .	15,500 00	
Reading Company stock sold :—		
Second preferred . . . . .	350 00	
Common . . . . .	900 00	
		140,750 00
Total receipts . . . . .		<u>\$182,521 08</u>

EXPENDITURES.

Salaries . . . . .	\$1,155 00	
Widening Delaware Avenue . . .	106,027 69	
Street repairs . . . . .	353 20	
“ cleaning . . . . .	5,831 82	
“ lighting . . . . .	5,274 41	
Incidentals . . . . .	56 76	
		\$118,698 88
Premium on bonds purchased . . . . .		5,301 95
Discount on Reading Company stock sold . . .		968 77
Removal of wooden buildings . . . . .		350 00
General expenses . . . . .		1,283 94
Investments :—		
Philadelphia City 3 per cent. loan .	\$130,600 00	
Pittsburgh City 4 “ “ . . .	10,000 00	
		140,600 00
Total expenditures . . . . .		<u>\$267,203 54</u>

# RECAPITULATION, FUND FOR THE IMPROVEMENT OF THE DELAWARE FRONT OF THE CITY, &c.

## RECEIPTS.

Income from investments . . . .	\$41,771 08	
Expenses, premiums, &c. . . . .	7,554 66	
		\$34,216 42
Principal of investments, collected . . . . .		140,750 00
<i>Cash balance, January 1st, 1900 . . . . .</i>		89,956 07
		<u>\$264,922 49</u>

## EXPENDITURES.

Expenses, Delaware front of city .	\$118,698 88	
Removal of wooden buildings . .	350 00	
Investments and reinvestments . .	140,600 00	
		259,648 88
<i>Cash balance, December 31st, 1900 . . . .</i>		<u>\$5,273 61</u>

GEORGE E. KIRKPATRICK,  
*Superintendent Girard Estate.*

STEPHEN GIRARD BUILDING,  
21 S. TWELFTH STREET, PHILADELPHIA,  
December 31st, 1900.

**APPENDIX B.**

**REPORT OF THE ENGINEER**

**OF THE**

**GIRARD ESTATE**

**IN**

**SCHUYLKILL AND COLUMBIA COUNTIES, PENNSYLVANIA,**

**FOR THE YEAR 1900.**

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**OFFICERS.**

*Engineer* . . . . . HEBER S. THOMPSON, Pottsville.  
*Solicitor* . . . . . SAMUEL H. KAERCHER, Pottsville.  
*Assistant Superintendent* . . EMIL C. WAGNER, Girardville.  
*Mine Inspector* . . . . . JOHN B. GRANGER, Girardville.



# ANNUAL REPORT

OF THE

## ENGINEER OF THE GIRARD ESTATE.

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MESSRS. JOHN K. CUMING, JOHN H. MICHENER, JOHN H. CONVERSE, DALLAS SANDERS, EDWIN S. STUART, WILLIAM H. LAMBERT, GEORGE MCCURDY, LOUIS WAGNER, *Committee on the Girard Estate without the city of Philadelphia:*

GENTLEMEN:—I beg to present a review of the business of the Girard Estate in Schuylkill and Columbia Counties for the year 1900.

The coal mining operations, always of chief interest, have been prosecuted during the year with the same care for ultimate best results and with the same thoroughness which have heretofore characterized the mining of the coal by the lessees. The wisdom of selling at a rate per ton the right and privilege of mining the coal to good, competent, and strong tenants, instead of engaging in the business of mining coal, has been abundantly proven by your experience of thirty-one years. Your mining tenants are expending, in 1900, 1901 and 1902, in improvements required for the mining of the coal on the Girard Estate, large sums of money, accepting the hazards of investments in breakers, shafts and tunnels erected and opened upon leased lands, with hopes of a reasonable return born of large knowledge and technical skill, and with confidence in equity of dealing and in fair treatment by the Board of Directors of City Trusts justified by the experience of nearly a third of a century.

The improvements of the greatest magnitude now making are those by the Lehigh Valley Coal Company at Packer No. 4 Colliery, consisting of a large central breaker of a capacity of 3000 tons a day, its railroads connecting with the Packer No. 2 and Packer No. 3 Collieries, the steam, repair, and hoisting plant, now almost completed, and of tunnels, waterways, and pumps for centralizing the drainage of the three collieries; those by the Susquehanna Coal Company at its William Penn Colliery,

consisting of a vertical shaft nine hundred and fifteen feet deep now well under way and to be completed before the close of next year; those by the Lehigh Valley Coal Company at its Continental Colliery, consisting of a vertical shaft, now finished and in operation from the surface, one hundred and seventy feet, to the basin of the Holmes bed, to be extended immediately a farther depth of two hundred and ten feet to the basin of the Mammoth bed, and later to the basin of the Buck Mountain bed, with surface improvements consisting of the shaft hoisting plant and surface plane, fourteen hundred and forty-six feet in length, to elevate the coal to the railroad connecting with Centralia Colliery breaker, in which it is prepared for market; and those by the Philadelphia and Reading Coal and Iron Company at its Hammond Colliery, consisting of a new modern breaker, the plans of which are now in course of preparation, and a shaft or slope and tunnels required in the opening of the third level of that colliery.

In addition to these improvements, six miles of gangway were opened in fresh coal in 1900.

There are now open and under lease eleven collieries and three washeries, as follows:—

COLLIERY.	LESSEE.
Hammond . . . . .	Philadelphia and Reading Coal and Iron Co.
East Bear Ridge . . . . .	Philadelphia and Reading Coal and Iron Co.
Kimberley . . . . .	Philadelphia and Reading Coal and Iron Co.
Packer No. 1 . . . . .	Lehigh Valley Coal Company.
Packer No. 2 . . . . .	Lehigh Valley Coal Company.
Packer No. 3 . . . . .	Lehigh Valley Coal Company.
Packer No. 4 . . . . .	Lehigh Valley Coal Company.
Continental . . . . .	Lehigh Valley Coal Company.
William Penn . . . . .	Susquehanna Coal Company.
Kehley's Run . . . . .	Thomas Coal Company.
Girard . . . . .	W. R. McTurk & Co.
WASHERIES.	
Girard . . . . .	W. R. McTurk & Co.
Raven Run . . . . .	Madeira, Hill & Co.
Schuylkill No. 1 . . . . .	North American Coal Company.

the production (shipped to market) from which will be about a million and a quarter tons annually during the continuance of the present mining leases, which expire on the thirty-first day of December, 1913.

The shipments of coal to market from the Girard Estate in the year 1900 were 1,092,357 $\frac{4}{10}$  tons. The decrease below the previous year is due to the closing of several collieries pending the erection of improvements and to the suspension of mining operations during the strike of the anthracite coal miners, which was ordered by the organization of The United Mine Workers of America from its headquarters in Indianapolis, Ind., on September 12th, inaugurated in Luzerne County on September 17th, in Schuylkill County on September 20th, and continued until October 29th.

Following the attack of rioters upon the sheriff of Schuylkill County and his deputies, guarding men at their work, the Governor of the Commonwealth, at the request of citizens of Shenandoah, sent three regiments of infantry, a battery of artillery and a troop of cavalry to Shenandoah to protect the lives and property of citizens from violence. A portion of the National Guard continued in the field until after the resumption of work on October 29th.

The shipment of coal by each colliery and its increase or decrease in comparison with its tonnage of the previous year is shown in the following table :—

TABLE SHOWING QUANTITY OF COAL SHIPPED TO MARKET BY EACH COLLIERY IN 1900, AND THE INCREASE OR DECREASE IN COMPARISON WITH THE SHIPMENT OF THE YEAR PRECEDING.

COLLIERY.	PRODUCTION.				Increase above 1899.		Decrease below 1899.		Net Decrease.	
	1900.		1899.							
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
Packer No. 1 . . . . .	223,452	05	215,364	03	5,088	02				
Packer No. 3 . . . . .	200,205	13	202,050	16	4,214	17				
William Penn . . . . .	190,371	15	222,307	13			31,935	18		
Hammond . . . . .	134,065	04	157,448	18			23,383	14		
East Bear Ridge . . . . .	91,732	07	83,877	14	7,854	13				
Kehley's Run . . . . .	80,639	02	83,263	07			2,624	05		
Girard Washery . . . . .	64,518	13	24,215	00	40,303	13				
Raven Run Washery . . . . .	35,597	13			35,597	13				
Continental . . . . .	25,235	12	20,009	19	5,228	13				
Packer No. 2 . . . . .	24,234	11	151,809	19			127,635	08		
Packer No. 4 . . . . .	11,650	11	51,621	06			39,970	15		
Schuylkill Washery No. 1 . . . . .	4,590	18			4,590	18				
Girard . . . . .										
Kimberley . . . . .										
Total . . . . .	1,092,357	04	1,215,028	15	102,878	09	225,550	00	122,671	11

	TONS.
Besides the coal shipped to market, paying royalty . . .	1,092,357 $\frac{4}{10}$
there was mined and consumed in operating engines at the collieries, paying no royalty . . . . .	177,086 $\frac{9}{10}$
making the total production shipped and consumed in op- erating . . . . .	1,269,443 $\frac{1}{10}$

The coal consumed in operating the collieries, apart from that consumed by the washeries, was 172,082 $\frac{5}{10}$  tons, which is 17.42 per cent. of their shipment to market. The largest percentage of its shipment consumed in operating by any colliery in active operation was 20.25 per cent., the smallest, 9.50 per cent. Coal consumed in operating the washeries was 4.78 per cent. of their shipment to market.

The coal shipped to market in the thirty-eight years of the operation of the collieries under mining leases from the City of Philadelphia, Trustee under the will of Stephen Girard, deceased, from 1863 to 1900, inclusive, has been 38,887,359 $\frac{1}{10}$  tons.

The average royalty received upon the 1,269,443 $\frac{1}{10}$  tons of coal produced in the year 1900 was 24 $\frac{7}{10}$  cents per ton. The average royalty upon the 1,092,357 $\frac{4}{10}$  tons shipped to market from collieries and washeries was 28 $\frac{8}{10}$  cents per ton. Upon the 987,650 tons of freshly-mined coal shipped by collieries, apart from the washeries, the average royalty was 30 $\frac{7}{10}$  cents per ton. Upon the 104,707 $\frac{4}{10}$  tons of coal obtained from culm banks and shipped by washeries the average royalty was 10 $\frac{4}{10}$  cents per ton.

Three collieries, Packer No. 1, Packer No. 3, and William Penn, shipped over a thousand tons of coal for each full day the collieries were in operation.

The floods of rain in February and March caused a suspension of mining for several weeks at some of the collieries, and the strike of September and October interfered with mining for two months. The drouth of the last nine months of the year, unprecedented in our experience, put the collieries of the anthracite region to great expense to obtain water for steam purposes, but the collieries on the Girard Estate were saved this expense of hauling water from a distance or of using partially purified mine water by the ability of the Girard Water Company to furnish a full supply without any restriction throughout the whole year.

Only one underground fire occurred on the Girard Estate

during the year, in Packer No. 3 Colliery in the slope of the Seven-Foot bed, which was promptly and energetically attacked, at first with buckets of water by hand, and later by streams of water by hose, and extinguished without serious damage to the colliery.

No forest trees were planted this year, the work done toward reforesting the mountain lands being limited to an attempt to protect the young trees from forest fires by a fire patrol, maintained with special vigilance in the Spring and Fall of the year. Notwithstanding efforts to prevent them, forest fires in April and May, 1900, destroyed timber estimated to be worth \$4,074.50, making the loss from forest fires in four years \$38,142.50.

The tables of percentage of sizes of coal made, annual tonnage, gross rental, and a condensed statement of the progress and present condition of mining operations, surface and farm leases, forestry, and taxes, are given for the benefit of those who may desire to study the history of the development of the mining operations and other details of the management of the estate under your administration.

TABLE SHOWING THE QUANTITY AND PERCENTAGE OF RICE, BUCKWHEAT, PEA, CHESTNUT, AND COAL LARGER THAN CHESTNUT SHIPPED FROM THE GIRARD ESTATE EACH YEAR FROM THE OPENING OF THE FIRST COLLIERY.

YEAR.	COAL LARGER THAN CHESTNUT.			CHESTNUT COAL.			PEA COAL.			BUCKWHEAT COAL.			RICE COAL.		
	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.	Tons.	Cwt.	Per cent. of Ship-ment.
1900.	417,268	16	38.20	209,824	14	19.21	152,655	15	13.98	230,546	12	21.10	82,061	07	7.51
1899.	531,300	18	43.73	274,804	07	22.61	159,136	17	13.10	212,734	08	17.51	37,052	05	3.05
1898.	541,936	19	45.12	275,106	09	22.90	151,092	03	12.58	216,592	11	18.03	16,456	05	1.37
1897.	587,360	05	47.99	265,897	05	21.72	146,698	06	11.98	213,085	10	17.41	10,958	11	0.90
1896.	621,610	19	49.21	276,760	03	21.91	147,595	13	11.69	213,061	08	16.88	3,960	01	0.31
1895.	754,139	05	50.64	302,514	00	20.31	171,443	03	11.51	246,441	05	16.54	14,820	19	1.00
1894.	749,499	16	53.60	281,807	03	20.15	155,451	17	11.12	211,504	19	15.13			
1893.	924,133	09	59.91	259,235	08	16.80	159,210	04	10.32	200,073	02	12.97			
1892.	927,203	15	62.00	230,072	08	15.39	148,816	18	9.95	189,283	04	12.66			
1891.	899,624	15	62.64	227,717	08	15.86	170,991	02	11.91	137,623	14	9.59			
1890.	843,312	07	64.22	198,903	07	15.15	141,603	03	10.78	129,278	14	9.85			
1889.	841,231	17	65.09	179,289	14	13.87	182,882	19	14.15	89,103	10	6.89			
1888.	872,048	13	69.91	147,072	14	11.79	157,540	09	12.63	70,791	18	5.67			
1887.	736,093	03	69.79	108,713	10	10.30	152,730	14	14.47	57,344	12	5.44			
1886.	759,966	10	68.96	131,046	06	11.90	149,381	10	13.56	61,501	08	5.58			
1885.	782,275	00	68.56	136,863	02	11.99	150,433	15	13.18	71,562	08	6.27			
1884.	979,702	03	69.66	167,251	02	11.89	177,243	18	12.60	82,318	17	5.85			
1883.	1,147,559	08	71.81	194,392	03	12.17	190,245	00	11.91	65,788	15	4.11			
1882.	1,082,303	09	74.58	136,959	05	9.44	163,524	00	11.26	68,518	09	4.72			
1881.	1,070,869	15	75.41	159,687	04	11.24	158,711	03	11.18	30,722	17	2.17			
1880.	962,207	01	76.87	141,890	05	11.34	135,832	19	10.85	11,755	01	.94			
1879.	1,221,126	13	75.25	212,377	03	13.09	185,661	19	11.44	3,581	19	.22			
1878.	803,182	19	77.22	130,196	16	12.52	105,962	08	10.19	696	06	.07			
1877.	862,931	15	77.13	153,062	09	13.68	102,765	19	9.19						
1876.	614,404	12	76.19	117,063	05	14.51	74,992	03	9.30						
1875.	550,758	10	78.17	93,799	01	13.31	59,987	14	8.52						
1874.	791,830	18	81.83	111,776	04	11.55	64,000	03	6.62						
1873.	755,354	11	82.83	110,860	17	12.16	45,724	07	5.01						
1872.	581,940	15	83.05	83,333	16	11.89	35,475	19	5.06						
1871.	519,284	05	83.62	76,229	08	12.27	25,503	05	4.11						
1870.	397,623	18	84.24	57,544	08	12.19	16,830	13	3.57						
1869.	427,153	11	86.71	55,153	16	11.19	10,336	14	2.10						
1868.	396,979	05	87.87	50,628	14	11.20	4,179	03	.93						
1867.	453,163	04	87.49	62,943	02	12.17	1,800	19	.34						
1866.	384,891	01	90.70	39,485	18	9.30									
1865.	220,756	03	91.80	19,710	00	8.20									
1864.	106,176	18	90.11	11,647	19	9.89									
1863.	36,709	19	90.00	4,078	16	10.00									

TABLE SHOWING QUANTITY AND PERCENTAGE OF EACH SIZE OF COAL SHIPPED EACH YEAR FROM 1877 TO 1900.

YEAR.	LUMP.		STEAM-BOAT.		BROKEN.		EGG.		STOVE.		SMALL STOVE.		CHESTNUT.		TOTAL LARGE.		PEA.		BUCK-WHEAT.		RICE.		TOTAL SMALL.		TOTAL SHIPMENT.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1900	4,376	13	36,672	14	116,324	11	111,703	09	148,191	09	.....	.....	209,824	14	627,093	15	159,655	15	230,546	12	82,061	07	465,263	14	1,092,357	04
1901	4,404	36	3,366	11	10,655	10	10,222	13	13,577	11	.....	.....	19,211	05	57,411	13	13,968	17	212,734	08	7,511	04	42,590	10	1,002,357	04
1902	12,234	08	42,783	11	141,984	16	139,539	12	194,947	11	.....	.....	274,804	07	866,105	05	159,136	17	212,734	08	37,052	05	408,993	10	1,215,028	15
1903	1,011	01	3,522	11	11,669	11	11,477	11	16,044	11	.....	.....	22,611	06	66,344	08	13,102	03	17,511	11	3,055	05	33,066	10	1,201,184	07
1904	16,725	12	60,046	10	120,542	19	138,729	14	205,592	04	.....	.....	275,106	09	817,043	08	151,092	03	16,592	11	16,456	05	384,140	19	1,201,184	07
1905	1,399	13	5,000	10	10,044	11	11,555	11	17,144	11	.....	.....	22,900	06	68,022	08	12,598	06	18,035	10	1,958	11	370,742	07	1,223,999	17
1906	21,688	16	67,948	13	120,010	06	145,910	13	231,861	17	.....	.....	265,897	05	853,257	10	146,698	06	13,085	10	10,958	11	370,742	07	1,223,999	17
1907	4,707	10	77,968	12	125,809	02	137,711	01	187,514	14	.....	.....	276,760	03	898,271	02	147,595	13	17,461	08	3,960	01	364,717	02	1,263,088	04
1908	53,567	127	177,768	01	155,148	09	162,293	01	255,361	17	.....	.....	302,514	00	1,056,663	05	171,443	03	246,441	05	14,820	19	432,705	07	1,489,358	12
1909	57,668	05	126,402	09	150,572	06	164,966	09	249,960	07	.....	.....	281,807	03	1,031,306	19	155,451	17	211,904	19	1,000	00	365,956	16	1,398,263	15
1910	4,122	04	9,044	08	10,777	11	11,779	17	17,868	11	.....	.....	20,155	08	73,755	17	119,212	04	189,283	04	23,290	00	338,100	02	1,495,376	05
1911	47,702	04	198,478	06	183,228	17	196,381	06	298,342	16	.....	.....	259,245	08	1,183,368	17	159,210	04	200,073	02	359,283	06	1,542,652	03	.....	.....
1912	3,099	04	12,847	09	175,339	05	177,108	16	284,992	01	.....	.....	230,072	08	1,157,276	03	9,995	02	12,927	02	23,290	00	338,100	02	1,495,376	05
1913	3,671	07	242,086	10	171,027	19	170,516	19	272,046	05	.....	.....	227,717	08	1,127,322	03	170,991	02	12,666	02	22,611	00	368,614	16	1,435,936	19
1914	2,985	15	16,866	14	179,419	05	132,898	17	158,239	11	.....	.....	15,866	07	78,900	14	11,603	03	9,959	02	21,900	00	210,882	18	1,101,895	14
1915	30,611	15	230,999	14	188,669	14	159,399	19	161,410	09	.....	.....	198,993	07	1,042,215	14	141,603	03	129,278	14	270,881	17	1,133,097	11	.....	.....
1916	2,333	14	190,123	18	188,669	14	159,399	19	161,410	09	.....	.....	179,289	14	1,020,521	11	182,882	19	89,103	10	20,633	00	271,986	09	1,292,968	00
1917	38,359	17	209,989	08	186,772	05	146,251	18	176,072	18	.....	.....	13,857	10	78,900	14	14,155	09	70,791	18	21,044	00	271,986	09	1,292,968	00
1918	35,095	17	209,989	08	186,772	05	146,251	18	176,072	18	.....	.....	147,072	14	1,019,121	07	157,540	09	70,791	18	21,044	00	271,986	09	1,292,968	00
1919	61,881	04	236,790	13	122,785	19	101,789	10	177,064	12	.....	.....	108,173	10	644,866	13	12,633	14	57,344	12	18,300	00	210,075	06	1,054,881	19
1920	63,882	04	236,790	13	122,785	19	101,789	10	177,064	12	.....	.....	108,173	10	644,866	13	12,633	14	57,344	12	18,300	00	210,075	06	1,054,881	19
1921	77,926	11	152,786	16	140,344	13	122,785	19	177,064	12	.....	.....	108,173	10	644,866	13	12,633	14	57,344	12	18,300	00	210,075	06	1,054,881	19
1922	7,077	15	139,999	07	173,452	15	139,176	08	153,377	11	.....	.....	131,046	06	86,092	16	14,477	10	61,991	08	19,911	00	210,882	18	1,101,895	14
1923	51,395	15	139,999	07	173,452	15	139,176	08	153,377	11	.....	.....	131,046	06	86,092	16	14,477	10	61,991	08	19,911	00	210,882	18	1,101,895	14
1924	4,333	15	165,029	01	223,037	19	165,048	11	186,165	15	.....	.....	136,863	02	99,138	02	15,943	15	71,992	08	22,144	00	211,996	03	1,141,134	05
1925	78,433	16	165,029	01	223,037	19	165,048	11	186,165	15	.....	.....	167,581	02	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1926	5,568	08	182,777	17	242,053	01	188,538	12	239,064	07	.....	.....	194,392	03	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1927	130,538	08	182,777	17	242,053	01	188,538	12	239,064	07	.....	.....	194,392	03	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1928	8,137	11	159,726	06	248,153	15	172,981	06	219,861	05	.....	.....	136,959	05	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1929	157,574	11	159,726	06	248,153	15	172,981	06	219,861	05	.....	.....	136,959	05	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1930	10,815	14	169,311	09	233,021	04	192,158	14	220,726	16	.....	.....	159,187	04	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1931	163,185	14	169,311	09	233,021	04	192,158	14	220,726	16	.....	.....	159,187	04	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1932	11,409	01	151,791	17	190,694	11	143,193	07	218,155	08	.....	.....	141,984	05	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1933	15,511	13	180,046	03	268,958	14	205,930	08	313,452	09	.....	.....	212,377	03	1,413,593	16	185,601	19	3,082	19	11,753	01	147,588	00	1,251,083	06
1934	10,068	13	180,046	03	268,958	14	205,930	08	313,452	09	.....	.....	212,377	03	1,413,593	16	185,601	19	3,082	19	11,753	01	147,588	00	1,251,083	06
1935	149,219	04	136,116	12	166,690	05	19,553	07	162,440	11	.....	.....	130,196	16	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1936	14,335	13	136,116	12	166,690	05	19,553	07	162,440	11	.....	.....	130,196	16	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1937	156,995	03	136,116	12	166,690	05	19,553	07	162,440	11	.....	.....	130,196	16	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1938	14,022	03	136,116	12	166,690	05	19,553	07	162,440	11	.....	.....	130,196	16	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1939	14,022	03	136,116	12	166,690	05	19,553	07	162,440	11	.....	.....	130,196	16	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00
1940	14,022	03	136,116	12	166,690	05	19,553	07	162,440	11	.....	.....	130,196	16	1,046,953	05	17,743	18	83,318	17	18,455	00	259,582	15	1,406,516	00

TABLE SHOWING THE PERCENTAGES OF DIFFERENT SIZES OF COAL SENT TO MARKET  
BY EACH COLLIERY IN 1900.

COLLIERY.	LUMP.	STEAM- BOAT.	BROKEN.	EGG.	STOVE.	CHEST- NUT.	TOTAL LARGE.	PEA.	BUCK- WHEAT.	RICE.	TOTAL SMALL.
Hammond . . . . .	2.15	6.17	28.86	10.89	16.73	15.86	80.66	8.99	10.35	. . . .	19.34
East Bear Ridge . . . . .	.97	12.98	7.32	6.32	10.00	12.98	50.57	15.97	21.03	12.43	49.43
Packer No. 1 . . . . .	. . . .	3.18	7.45	12.17	12.48	27.68	62.96	13.71	19.66	3.65	37.04
Packer No. 2 . . . . .	.63	. . . .	6.10	6.81	18.98	32.58	65.10	14.54	19.86	.50	34.90
Packer No. 3 . . . . .	.02	4.55	11.20	4.95	13.19	25.08	58.99	12.31	20.14	8.56	41.01
Packer No. 4 . . . . .	. . . .	. . . .	. . . .	.17	.22	.40	.79	.23	98.98	. . . .	99.21
Continental . . . . .	1.10	. . . .	8.73	15.19	17.78	28.35	71.15	10.40	16.55	1.90	28.85
William Penn . . . . .	.07	. . . .	9.93	14.96	15.71	17.25	57.92	18.20	21.47	2.41	42.08
Kehley's Run . . . . .	. . . .	. . . .	10.62	24.67	27.81	16.83	79.93	12.71	7.36	. . . .	20.07
All Collieries . . . . .	.44	3.71	11.78	11.30	15.00	21.08	63.31	13.56	18.83	4.30	36.69
WASHERIES.											
Girard . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	2.39	2.39	19.60	37.07	40.94	97.61
Raven Run . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	.07	.07	15.32	51.48	33.13	99.93
Schuylkill No. 1 . . . . .	. . . .	. . . .	. . . .	.55	1.18	.61	2.34	16.15	50.49	31.02	97.66
All Washeries . . . . .	. . . .	. . . .	. . . .	.02	.05	1.52	1.59	18.00	42.55	37.86	98.41
Total Collieries and Washeries . . . . .	.40	3.36	10.65	10.22	13.57	19.21	57.41	13.98	21.10	7.51	42.59



## ANNUAL PRODUCTION OF THE SEVERAL COLLIERIES ON THE GIRARD ESTATE.

PRESENT TENANTS.		1863.		1864.		1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.		1873.	
		Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1	Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . . } Conner . . . . . }	40,788 15	84,446 04	66,725 03	90,650 04	76,817 04	62,413 16	67,476 11	29,702 01	118,027 12	98,813 09	142,066 08											
2	Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . . }																						
3	Lehigh Valley Coal Co., Packer No. 1 Colliery . . . . . }			22,430 19	55,439 04	95,436 03	117,414 00	112,666 11	125,055 17	121,926 10	121,162 17	89,116 13											
4	Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . . } Packer No. 4 . . . . . }		1,523 04	36,410 10	33,544 12	30,327 13	59,507 10	71,858 07	81,154 10	80,901 09	60,688 16	149,886 15											
5	Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . . }				1,010 11	10,410 03	5,712 13	4,000 00	3,002 04	17,404 05	53,344 06	65,622 07											
6	Lehigh Valley Coal Co., Continental Colliery . . . . . } North Ashland " . . . . . } Continental (and N. Ashland) . . . . . }		2,750 04 15,388 00	24,017 17 36,593 19	38,724 14 41,249 19	43,276 10 49,361 18	37,004 04 48,374 08	31,440 02 45,042 07	37,653 04 41,103 18	73,623 08 44,361 17	82,203 07 53,444 10	69,731 14 89,431 12											
7	Susquehanna Coal Co., William Penn Colliery . . . . . }			9,085 05	59,915 00	65,448 11	28,295 01	27,002 10	35,363 13	53,558 13	85,602 18	140,726 14											
8	Thomas Coal Co., Kehley's Run Colliery . . . . . }			2,372 17	10,139 08	35,143 06	18,935 00	67,940 09	79,585 19	68,554 01	102,837 04	99,314 19											
9	W. R. McTurk & Co., Girard Colliery . . . . . } Girard Washery . . . . . }		13,717 05	32,828 16	49,097 04	67,867 04	54,801 12	60,563 05	38,841 11	40,318 09	38,022 12	33,076 05											
10	West Bear Ridge Colliery . . . . . }			10,090 17	44,606 03	43,818 13	19,338 18	4,654 19	536 02	2,340 14	4,630 11	32,976 08											
		40,788 15	117,824 17	240,466 03	424,376 19	517,907 05	451,787 02	492,644 01	471,998 19	621,016 18	700,750 10	911,939 15											

## ANNUAL PRODUCTION.—Continued.

PRESENT TENANTS.	1874.		1875.		1876.		1877.		1878.		1879.		1880.		1881.		1882.		1883.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1 Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . . Conner . . . . .	146,619 12		123,925 17		114,553 01		{ 121,146 04 103,639 04 }		99,215 00 78,671 03		116,581 17 130,811 03		70,649 19 105,225 19		97,131 19 134,060 01		93,838 13 135,368 10		117,238 16 147,831 01	
2 Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . .	71,821 04		40,311 14		47,356 06		85,001 19		51,144 16		30,036 18		64,549 03		74,752 10		77,514 15		108,304 09	
3 Lehigh Valley Coal Co., Packer No. 1 Colliery . . . . .	45,604 07		46,003 03		59,871 09		85,955 08		62,229 08		85,207 03		64,598 11		81,563 19		61,469 18		48,503 13	
4 Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . . Packer No. 4 " . . . . .	137,243 00		61,994 14		112,118 03		{ 89,129 12 101,860 01 }		88,544 19 118,790 04		144,138 01 248,341 18		117,022 12 167,102 01		126,751 04 200,636 07		98,327 02 218,073 09		111,659 12 225,466 10	
5 Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . .	97,449 11		67,580 19		75,747 13		117,170 11		83,957 15		111,487 03		74,733 16		169,978 09		157,986 10		155,528 15	
6 Lehigh Valley Coal Co., Continental Colliery . . . . . North Ashland " . . . . . Continental (and N. Ashland) . . . . .	54,847 09 59,336 16		48,861 12 56,469 04		59,612 18 35,976 10		25,228 13 38,685 09		53,048 16 70,566 17		107,233 12 127,863 12		79,361 12 98,734 15		62,124 14 118,760 11		16,801 14 110,527 06		63,906 19 122,021 04	
7 Susquehanna Coal Co., William Penn Colliery . . . . .	146,357 00		106,639 17		118,209 13		164,476 13		120,354 18		178,445 09		173,212 14		221,869 05		227,859 15		228,098 19	
8 Thomas Coal Co., Kehley's Run Colliery . . . . .	87,709 03		65,466 18		89,368 00		68,995 07		100,520 19		151,266 11		82,095 02				79,645 07		115,311 15	
9 W. R. McTurk & Co., Girard Colliery . . . . . Girard Washery . . . . .	48,797 19		45,969 13		46,291 01		95,043 07		67,573 09		101,877 10		80,947 03		69,165 02		103,761 08		81,349 01	
10 West Bear Ridge Colliery . . . . .	71,821 04		40,311 14		47,356 06		23,517 15		44,520 05		89,337 08		73,451 19		63,196 18		70,130 16		72,834 03	
	967,607 05		704,545 05		866,460 00		1,118,760 03		1,040,038 09		1,622,747 14		1,251,685 06		1,419,990 19		1,451,305 03		1,597,985 06	

## ANNUAL PRODUCTION.—Continued.

PRESENT TENANTS.	1884.		1885.		1886.		1887.		1888.		1889.		1890.		1891.		1892.	
	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1 Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . .	95,794 10 135,897 17		114,141 18 130,059 02		124,172 19 68,494 08		163,730 17		158,403 10		130,605 09		171,033 18		199,618 07		169,991 02	
2 Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . .	70,704 05		2,422 02		7,946 18		6,532 00		9,844 03		60,173 11		35,544 16		134,510 06		159,541 03	
3 Lehigh Valley Coal Co., Packer No. 1 Colliery . . . . .	34,172 13		2,032 01		63,692 04		61,097 01		120,513 09		129,644 15		145,199 03		101,908 18		61,011 19	
4 Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . .	128,356 03 206,504 02		83,854 04 206,402 14		213,037 04		124,514 10		67,592 16 146,751 06		48,204 15 154,893 12		89,106 17 105,642 13		110,101 15 90,237 12		147,717 09 55,948 16	
5 Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . .	122,182 00		146,164 03		171,662 04		102,067 13		161,247 02		136,336 17		78,122 08		144,997 13		185,862 13	
6 Lehigh Valley Coal Co., Continental Colliery . . . . .	62,538 02 102,126 19		1,712 01 35,568 11		68,816 00		133,940 06		157,265 19		73,536 15		121,987 19		124,632 07		178,083 16	
7 Susquehanna Coal Co., William Penn Colliery . . . . .	233,157 15		242,114 13		256,944 15		307,848 09		280,675 04		278,722 04		280,558 11		264,315 13		219,530 17	
8 Thomas Coal Co., Kehley's Run Colliery . . . . .	110,784 17		106,839 09		116,638 05		133,244 11		120,136 19		109,246 01		123,998 02		120,356 16		120,308 00	
9 W. R. McCurt & Co., Girard Colliery . . . . .	59,268 02		69,832 17		10,148 07				894 02		72,518 13		106,210 04		118,366 12		118,924 01	
10 West Bear Ridge Colliery . . . . .	45,028 15		10		4 00		100 10		20,325 16		91,265 12		48,263 19		22,386 12		78,015 05	
11 Knickerbocker Colliery . . . . .					348 10		2,806 02		1,803 08		5,960 08		521 13					
12 Madeira, Hill & Co., Raven Run Washery . . . . .	1,406,516 00		1,141,134 05		1,101,895 14		1,054,881 19		1,247,453 14		1,309 08		6,907 08		4,504 08		461 04	
											1,292,908 00		1,313,097 11		1,435,936 19		1,495,376 05	

## ANNUAL PRODUCTION.—Continued.

	PRESENT TENANTS.	1893.		1894.		1895.		1896.		1897.		1898.		1899.		1900.		Total.	
		Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.	Tons.	Cwt.
1	Philadelphia & Reading Coal & Iron Co., Hammond Colliery . . . . .	177,292 16	127,843 07	178,016 01	143,080 12	121,255 02	133,991 16	157,448 18	134,065 04	5,646,371 19									
2	Philadelphia & Reading Coal & Iron Co., East Bear Ridge Colliery . . . . .	156,012 06	151,353 13	157,864 09	139,418 02	104,859 06	84,109 01	83,877 14	91,732 07	2,107,239 16									
3	Lehigh Valley Coal Co., Packer No. 1 Colliery . . . . .	162,587 10	135,330 15	129,341 07	129,005 01	98,477 19	83,324 11	218,364 03	223,452 05	3,450,901 07									
4	Lehigh Valley Coal Co., Packer No. 2 Colliery . . . . .	77,076 01	87,240 05	110,996 18	114,459 08	89,622 02	140,958 14	151,866 19	24,234 11	6,549,588 15									
	Packer No. 4 " . . . . .	122,597 06	97,769 04	108,729 01	117,478 11	147,668 15	140,716 11	51,621 06	11,650 11										
5	Lehigh Valley Coal Co., Packer No. 3 Colliery . . . . .	175,174 15	149,811 03	183,248 14	151,212 03	152,738 11	168,687 01	202,090 16	206,265 13	3,909,959 00									
6	Lehigh Valley Coal Co., Continental Colliery . . . . .	138,979 09	107,747 08	93,969 06	92,366 15	104,735 17	85,034 12	20,009 19	25,738 12	4,062,847 17									
	North Ashland " . . . . .																		
	Continental (and N. Ashland) . . . . .																		
7	Susquehanna Coal Co., William Penn Colliery . . . . .	219,371 16	262,441 13	249,224 05	211,900 17	231,661 00	205,021 08	222,307 13	190,371 15	6,346,690 16									
8	Thomas Coal Co., Kehley's Run Colliery . . . . .	110,127 11	88,258 15	85,659 12	77,443 10	81,106 18	69,333 19	83,263 07	80,639 02	3,062,477 19									
9	W. R. McTurk & Co., Girard Colliery . . . . .	121,888 04	90,639 17	28,002 14		17,891 11	34,027 13	24,215 00	64,518 13	2,107,255 06									
	Girard Washery . . . . .																		
10	West Bear Ridge Colliery . . . . .	81,544 09	99,827 15	114,306 05	86,723 05	73,982 16	57,979 01			1,579,216 03									
11	Knickerbocker Colliery . . . . .									11,440 01									
12	Madeira, Hill & Co., Raven Run Washery . . . . .									35,897 13									
13	North American Coal Co., Schuylkill Washery No. 1 . . . . .	1,542,652 03	1,398,263 15	1,489,358 12	1,263,088 04	1,223,999 17	1,201,184 07	1,215,028 15	1,092,357 04	4,590 18									

QUANTITY OF COAL MINED AND SHIPPED AND GROSS ROYALTY DERIVED FROM THE COLLIERY LEASES DURING  
THE TWELVE MONTHS COMMENCING JANUARY 1ST, 1900, AND ENDING DECEMBER 31ST, 1900.

PRESENT TENANTS.		Tons. Cwt.	Royalty.	Deferred Royalty.	Colliery Rent.	House Rents.	Total Income.
Phila. & Reading Coal and Iron Co., Hammond	Colliery . .	134,065 04	\$47,657 28	\$3,097 93	.....	\$397 06	\$51,152 27
Phila. & Reading " "	East Bear Ridge " . .	91,732 07	24 719 66	3,650 00	.....	481 20	28,800 86
Phila. & Reading " "	West Bear Ridge " . .	.....	.....	4,302 07	.....	.....	4,302 07
Phila. & Reading " "	Kimberley " . .	.....	.....	.....	\$1,200 00	.....	1,200 00
Lehigh Valley Coal Co.,	Packer No. 1 " . .	223,452 05	68,732 69	2,632 31	.....	765 36	72,130 36
Lehigh Valley " "	Packer No. 2 and No. 4 Collieries . . . . .	35,885 02	8,298 61	2,400 00	.....	822 00	11,520 61
Lehigh Valley " "	Packer No. 3 Colliery . .	266,265 13	60,055 10	.....	.....	183 00	60,238 10
Lehigh Valley " "	Continental Colliery . .	25,238 12	8,281 01	2,400 00	.....	442 80	11,123 81
Susquehanna Coal Co.,	William Penn Colliery . .	190,371 15	57,083 91	2,292 75	.....	412 02	59,788 68
Thomas Coal Co.,	Kehley's Run Colliery . .	80,639 02	28,937 49	2,400 00	.....	555 12	31,892 61
W. R. McTurk & Co.,	Girard Colliery . . . . .	.....	.....	.....	3,000 00	3 00	3,003 00
W. R. McTurk & Co.,	Girard Washery . . . .	64,518 13	6,392 32	.....	.....	.....	6,392 32
Madeira, Hill & Co. . . . .	Raven Run " . . . .	35,597 13	4,066 13	.....	.....	.....	4,066 13
North American Coal Co. . . . .	Schuykill " No. 1.	4,590 18	557 66	.....	42 34	.....	600 00
Total . . . . .	.....	1,092,357 04	\$314,691 86	\$33,125 06	\$4,742 34	\$4,061 56	\$346,120 82

## MINING OPERATIONS.

LEASE NO. 1.—HAMMOND COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—The Hammond Colliery mining operations continue upon the second slope level in five beds, namely, in the Buck Mountain, Mammoth, Holmes, Orchard and Diamond beds, lying one above the other upon a dip of fifty degrees and connected with each other by horizontal tunnels through the intervening rock. The coal mined this year in the three beds first named, the Buck Mountain, Mammoth, and Holmes, has been obtained from gangways opened to their lease limits in previous years, while that from the others, the Orchard and Diamond, is from gangways now being driven in virgin territory which, without taking into account the coal from the third level now being opened, will maintain the colliery at its present rate of production for several years. The Buck Mountain and Mammoth beds have this year produced forty-eight per cent. of the whole shipment to market, while the overlying beds, the Holmes, Orchard, and Diamond, have produced fifty-two per cent. of this year's production.

While the colliery is thus kept up to a good prospective yield from the second level, preparations are making to meet the period of exhaustion upon this level by opening the third level.

A slope in the Buck Mountain bed, used as a tender slope in the working of the second level, was continued in 1899 a hundred yards below the second level. From the bottom of this slope the third level gangways in the Buck Mountain bed were extended east and west this year two hundred and eighty yards. A tunnel through the eighty yards of rock separating these two coal beds was driven from the Buck Mountain to the Mammoth bed. Gangways will now be driven in the Mammoth bed, a tunnel will be driven south to the Holmes bed, thence a tunnel farther south will open the Orchard and Diamond beds, so that before the level above is exhausted the third level will be fully opened to continue the production without interruption. The coal now mined comes almost wholly (ninety-seven per cent.) from the second level, the third level yielding from the driving of gangways and airways three per cent.

The length of gangway opened in fresh coal during this year was eleven hundred and seventy-three yards :—

In the Diamond bed, second level . . .	552 yards.
“ Orchard bed, “ “ . . .	338 “
“ Buck Mountain bed, third level, 283 “	

The production sent to market was 134,065 $\frac{1}{4}$  tons, which is a decrease below the year preceding of 23,383 $\frac{1}{4}$  tons, due to the suspension of the colliery for three weeks, from February 21st until March 14th, caused by the flooding of the mines by the extraordinary rainfall of four and three-quarter inches in the nine days ending March 1st, and to the suspension of six weeks from September 20th to the end of October, caused by the general strike of anthracite coal miners.

The proportions of present production from the different coal beds are as follows :—

From the Diamond bed . . . . .	26 per cent.
“ Orchard bed . . . . .	13 “
“ Holmes bed . . . . .	13 “
“ Mammoth and Mammoth Top-split beds . . . . .	25 “
“ Buck Mountain bed, second level, 20% . . . . .	
“ Buck Mountain bed, third level, 3% . . . . .	
— . . . . .	23 “

No rice or other coal smaller than buckwheat is shipped to market, none being saved from the culm banks beyond that required for generating steam for the operation of the colliery.

It is proposed to erect next year an improved modern breaker to take the place of that now in use.

LEASE NO. 2.—EAST BEAR RIDGE COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—East Bear Ridge shares with Packer No. 1 Colliery the distinction of being the oldest colliery on the Girard Estate, having been first opened in 1835 under a lease from the City of Philadelphia, Trustee under the will of Stephen Girard, deceased. The coal mined at that time came from a slope sunk in the Mammoth bed, on the north side of Bear Ridge, which is included now within the territory leased to Packer No. 1 Colliery. The coal mined from this slope was hoisted

to the top of Bear Ridge and dumped into a chute, which carried it down the south slope of the ridge to the outcrop of the Buck Mountain bed of the main Mahanoy basin, which is cut by the old Girard Tunnel. A chute opened in the Buck Mountain bed from this tunnel to the outcrop carried the coal down into the tunnel, where it was reloaded and brought out at the level of the Pottsville and Danville Railroad, on which it was carried to Pottsville and thence shipped in canal boats via the Schuylkill Navigation Company to Philadelphia.

The old Girard Tunnel was first opened in 1834 and 1835 and was extended in 1872, cutting the Mammoth bed of the basin folded between the Mahanoy and Shenandoah basins in January 1873. Following its long rest of thirty-eight years the colliery has been in active operation continuously for twenty-eight years. Its shipment for the year 1900 was 91,732 $\frac{7}{10}$  tons, exceeding that of the previous year by 7,854 $\frac{1}{2}$  $\frac{3}{8}$  tons, in spite of a suspension of nine days on account of excessive rains and of six weeks on account of the general strike of the anthracite coal miners. Sixty-one per cent. of the present production is from the Mammoth and thirty-nine per cent. from the Buck Mountain bed. The proportions from each level are as follows:—

## PROPORTIONS OF PRESENT PRODUCTION.

	Mammoth Bed.	Buck Mountain Bed.	All Beds.
Above water level . . . . .	17	11	28%
Slope level . . . . .	44	28	72%
Totals . . . . .	61	39	100%

Three hundred and eighteen yards of gangway were opened in fresh coal of the Buck Mountain bed on the slope level. In order to avoid the fault encountered in the east gangway of the Mammoth bed on the slope level, a tunnel was commenced in June at breast No. 89, in the east gangway of the Buck Mountain bed, to drive south to the Mammoth bed, which it is hoped will be found in good condition at that point. It is now driven fifty yards and will be pushed to completion early next year.

LEASE NO. 3.—PACKER NO. 1 (-5) COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—Packer No. 1 Colliery stands at



the head of the list of coal producers on the Girard Estate for the year 1900, having sent to market  $223,452\frac{5}{8}$  tons. Its average daily shipment to market for each day worked was 1109 tons. The good judgment exercised and the energy of management applied to both the mining and the preparation of coal during the last two years has brought the colliery up from a small production, averaging less than one hundred thousand tons a year, to nearly a quarter of a million tons a year for two successive years, and to the first place in production among the collieries on the Girard Estate.

The coal mined has come from the Diamond, Holmes, Mammoth, Seven Foot, and Buck Mountain beds, and from the four levels above the shaft level, the largest proportion from the Mammoth bed and from the slope level. Fourteen hundred and thirty-four yards of gangway were opened in fresh coal, most of it on the lowest or shaft level and in the Diamond bed. The development of the colliery by the opening of gangways in fresh coal and the present production from the different levels and coal beds are shown in the following tables :—

## GANGWAY DRIVEN.

	Diamond Bed.	Orchard Bed.	Holmes Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.	
Above water level . . . . .					50			50	yds.
First, or slope level . . . . .			14	265	130			409	"
Second, or plane level . . . . .						103		103	"
Third, or shaft level . . . . .	770						102	872	"
All levels . . . . .	770		14	265	180	103	102	1434	yds.

## PRESENT PRODUCTION.

	Diamond Bed.	Orchard Bed.	Holmes Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.	
Above water level . . . . .				2	15			17	per cent.
First, or slope level . . . . .			24	2	23			49	"
Second, or plane level . . . . .			3			4		7	"
Third, or shaft level . . . . .	16				1		10	27	"
All levels . . . . .	16		27	4	39	4	10	100	per cent.

LEASE NO. 4.—PACKER NO. 2 AND PACKER NO. 4 COLLIERIES.—*Lehigh Valley Coal Company, Lessee.*—PACKER NO. 2 COLLIERY. Various circumstances have combined to throw this colliery out of service for practically the whole of this year, the work of the year being but forty-eight full days. The large rainfall in February and March compelled a suspension of a month, and on the 1st of April the colliery was closed pending alterations and improvements required to connect it on the surface with the new central breaker, and underground with the central drainage plant to be erected and installed at Packer No. 4 Colliery and pending the retimbering, extending, and rearranging of slopes, airways, and gangways to bring everything up to the best standard and largest productive capacity. The main hoisting slope has been thoroughly retimbered from the fourth level to the surface, and the auxiliary slope, which reaches only to the second level, has been retimbered and from its foot has had a preliminary hole opened to the fourth level, which will be enlarged and timbered, thus extending the slope to the fourth level. A tunnel driven northward from the Mammoth to the Buck Mountain bed on the fourth level was commenced in January and finished on August 6th. Another tunnel from the Mammoth to the Buck Mountain bed on the second level, commenced in July, was finished on December 14th. Gangways in the Buck Mountain bed are now driving east and west on both the second and fourth levels. The grade of the lower tunnel and of the gangway eastward in the Buck Mountain bed on the fourth level will have its inclination eastward, so as to carry all the water from this colliery to Packer No. 4 Colliery, where large pumps, to be placed on the sixth level, will receive the water of Packer No. 2, Packer No. 3, and Packer No. 4 Collieries, and pump it to the surface, a vertical distance of nine hundred and fifteen feet.

The old gangway in the Buck Mountain bed above water level on the west side of Lost Creek ravine has been reopened and retimbered from its mouth to its former face, two hundred and five yards. The coal has varied in thickness, but gives promise of well repaying the expense of reopening. Besides the reopening of this gangway, some gangway was driven in fresh coal on the third and fourth levels. This and the proportions of present production on different levels and from different beds

shown in the following tables, indicate the stage of progress of mining operations:—

## GANGWAY DRIVEN.

	Holmes Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
First level . . . . .	.	.	.	.	.
Second level . . . . .	.	.	.	.	.
Third level . . . . .	75	.	.	.	75 yds.
Fourth level . . . . .	.	76	.	119	195 "
All levels . . . . .	75	76	.	119	270 yds.

## PRESENT PRODUCTION.

	Holmes Bed.	Mammoth Top-split bed.	Mammoth Bed.	Buck Mountain Bed.	All Beds.
First level . . . . .	.	.	15	.	15 per cent.
Second level . . . . .	4	.	.	.	4 "
Third level . . . . .	17	.	33	.	50 "
Fourth level . . . . .	16	3	9	3	31 "
All levels . . . . .	37	3	57	3	100 per cent.

PACKER NO. 4 COLLIERY.—In pursuance of plans made last year for the erection of extensive outside improvements, this colliery suspended mining and shipping coal on December 30th, 1899, and commenced in January, 1900, the removal of the old breaker and the preparation of the ground for the erection of the new central breaker to prepare the coal mined by Packer No. 2, Packer No. 3, and Packer No. 4 Collieries. On account of the removal of the old breaker and pending the erection of the new breaker and other outside improvements, there has been no coal mined this year.

Underground, some gangway has been driven in the Orchard bed on the second level and in the Holmes, Four Foot, and Buck Mountain beds on the third level, and considerable timbering has been done in anticipation of active operations next year.

A fire discovered on April 14th in an ash bank near the main hoisting slope and extending under a high railroad embankment has been cut out and prevented from extending east and west after five months' work with a steam shovel.

The improvements erected on the surface are the large central breaker, to take the place of the three breakers of Packer No. 2, Packer No. 3, and Packer No. 4, with the necessary equipment of boilers, engines, planes, machine shops, supply houses, and offices, comprising a dozen buildings, with railroad tracks and switches from Packer No. 2 and Packer No. 3 Collieries, constituting a colliery plant of unusual extent. The buildings of the plant are :—

A breaker of one hundred and eighty-eight feet front, one hundred and fifty-seven feet depth, and one hundred and fifty-five feet height, containing nine sets of breaking rolls, fifty-seven shaking screens, thirty-eight jiggling machines, two sets of large conveyors, two sets of large elevators, with numerous smaller conveyors and elevators, and three engines for operating the jiggling machines ;

An engine house fifty-six feet long and thirty feet wide, containing an engine of twenty-six-inch cylinder and forty-eight-inch stroke, with main belt of forty-eight-inch face on a pulley eighteen feet in diameter ;

A head house, or preliminary cleaning building, to which the coal will be first sent for the separation of the rock, of one hundred and fifty feet front and ninety-two feet depth, containing five tipples, two sets of large breaking rolls, three sets of conveyors the full length of the house, and, attached to the head house, an engine house containing an engine of sixteen-inch cylinder and eighteen-inch stroke for the running of its machinery, all located one hundred and seventeen feet north of the breaker and connected with it by two sets of large conveyors ;

A plane engine house with hoisting engines of sixteen-inch cylinder and thirty-inch stroke, for operating the plane erected west of the breaker to carry off the rock and other refuse ;

A brick boiler house of one hundred and seventy-one feet front and forty-six feet depth, containing twenty Babcock & Wilcox boilers, with brick engine room attached eighty-three feet long

and forty-two feet wide, containing two duplex pumps of ten-inch cylinder, six-inch plunger and twelve-inch stroke, to feed water to the boilers, and four fans, two twelve and two eight and one-half feet in diameter, to provide a forced draft to the boiler fires, with an engine of twelve-inch cylinder and sixteen-inch stroke for each fan ;

An office and supply house of one hundred and ninety-six feet front and twenty-two feet depth ;

A carpenter shop seventy feet long and thirty feet deep, equipped with drill press, bolt cutter, pipe cutter, circular saw, wood planing and mortising machines, all run by steam, with a blacksmith shop twenty-eight feet in length by twenty feet in depth attached ;

An oil house of brick, two stories in height and twenty-two feet square ; and a locomotive stable building of eighty-four feet length and sixteen feet width, for housing the two locomotive engines required to haul the coal from Packer No. 2 and Packer No. 3 Collieries. These improvements, now approaching completion, will be ready to go into operation early next year.

LEASE NO. 5.—PACKER NO. 3 COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—The shipment to market of this year, 206,265 $\frac{1}{2}$  tons, is the largest ever made by this colliery, and the second largest of this year on the Girard Estate, averaging 1025 tons for each full day the colliery was in operation. The Mammoth, Seven Foot, and Buck Mountain beds are producing each about one-third of the coal mined, a proportion of the coal being mined on each of the nine levels opened, with the largest yield from the second, fourth, and eighth. The slope in the Seven Foot bed has been extended a new lift, opening the ninth level, and the slope in the Buck Mountain a new lift of two hundred and thirty-four feet to the ninth level, with an extension of two hundred and eight feet farther for the tenth lift. Gangways are now driving in both the Seven Foot and Buck Mountain beds on the ninth level. The present condition of work is shown by the tables of gangways driven during the year and of present production from each level and each bed, as follows :—

## LENGTH OF GANGWAY DRIVEN.

	Holmes Bed.	Mammoth Bed.	Skidmore Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.	
First level,	. .	. .	. .	. .	. .	. .	yards.
Second “	. .	. .	63	. .	. .	63	“
Third “	. .	. .	. .	. .	. .	. .	“
Fourth “	. .	. .	. .	. .	. .	. .	“
Fifth “	. .	. .	. .	. .	. .	. .	“
Sixth “	. .	. .	. .	. .	. .	. .	“
Seventh “	. .	. .	. .	. .	183	183	“
Eighth “	. .	. .	. .	576	691	1267	“
Ninth “	. .	. .	. .	31	139	170	“
All levels	. .	. .	63	607	1013	1683	yards.

## PRESENT PRODUCTION.

	Holmes Bed.	Mammoth Bed.	Skidmore Bed.	Seven Foot Bed.	Buck Moun- tain Bed.	All Beds.	
First level,	. .	11	. .	. .	. .	11	per cent.
Second “	. .	4	. .	8	10	22	“
Third “	. .	4	. .	. .	. .	4	“
Fourth “	. .	3	. .	8	6	17	“
Fifth “	. .	2	. .	. .	. .	2	“
Sixth “	. .	7	. .	2	. .	9	“
Seventh “	. .	. .	. .	5	4	9	“
Eighth “	. .	. .	. .	8	14	22	“
Ninth “	. .	. .	. .	2	2	4	“
All levels,	. .	31	. .	33	36	100	“

The coal consumed in operating the colliery, wholly rice coal, was  $19,601\frac{1}{2}$  tons, or  $91\frac{5}{100}$  per cent. of the shipment to market. This is the smallest percentage consumed by any colliery on the estate. Besides the coal of this size consumed in operating, the colliery shipped to market  $17,661\frac{1}{2}$  tons of rice coal.

A railroad has been built from the colliery to the new central breaker at Packer No. 4 Colliery. After the completion of the latter the use of the Packer No. 3 breaker will be discontinued.

A small underground fire, which occurred on Saturday morn-

ing, November 17th, was extinguished before it obtained any great headway, and without any serious injury to the colliery. The miners at work underground, observing smoke coming down the slope in the Seven Foot bed, sent word to the mine foreman, who, happening to be on the surface, immediately went into that slope and found the timbers on fire for a distance of thirty or forty feet just below the battery or partition built across it near the surface. Summoning a force of men he attacked the fire with water thrown upon it by buckets, and at the same time proceeded to attach hose to the water pipes and turn upon the fire streams of water from several lines. By this prompt action the fire was entirely extinguished before any of the timbers were burned out or the slope seriously damaged. The fire seems to have been ignited by the friction of the wire-hoisting rope upon the planks of the double battery where the rope passed through the slot in the battery. A new sheave wheel set at the top of the slope a few days before had raised the rope and made it rub against the planks of the battery.

LEASE NO. 6.—CONTINENTAL COLLIERY.—*Lehigh Valley Coal Company, Lessee.*—The shaft sunk to the basin of the Holmes bed a year ago is now in operation, and promises a large production next year. Besides the four gangways, two on each dip of the basin, extending east and west in this coal bed, the Mammoth and Buck Mountain beds on the south side of the basin will be opened by gangways from tunnels driven into these coal beds from the Centralia Drainage Tunnel. The tunnel to open the Buck Mountain bed has already been driven, and a gangway is now being opened in that bed. A hole has been driven up into the old workings of North Ashland Colliery, and the water standing there is being drawn off. As soon as the water is drawn off breasts will be opened for the mining of coal down to this level in the Buck Mountain and Mammoth beds.

The present production is at the rate of a hundred thousand tons a year of two hundred working days. This will be increased next year to one hundred and fifty thousand tons. The sources of the increase indicated above are illustrated in the tables of gangway driven and of present production :—

	GANGWAY DRIVEN.				PRESENT PRODUCTION.			
	Mammoth Bed.	Holmes Bed.	Buck Mt. Bed.	All Beds.	Mammoth Bed.	Holmes Bed.	Buck Mt. Bed.	All Beds.
Holmes-shaft level, . . .	217			217 yds.	93			93 per ct.
Centralia drainage level . . . . .		32	32	"		7	7	"
All levels . . . . .	217	32		249 yds.	93	7		100 per ct.

LEASE NO. 7.—WILLIAM PENN COLLIERY.—*Susquehanna Coal Company, Lessee.*—The colliery has shipped 190,371  $\frac{1}{2}$  tons, averaging 1061 tons for each day worked, which is a larger average per day than was made in the year preceding.

The gangway opened in fresh coal has been four thousand four hundred and thirty-eight yards on five different levels, the greatest proportion being above water level. Of the present production the greatest proportions are from the two upper levels, the first or shaft level and above water level, and from the Mammoth and Buck Mountain beds. The smaller seams, however, Primrose, Four Foot, Skidmore, and Little Buck Mountain, together supply forty-five per cent. of the present production. In addition to these coal beds another—the Orchard—will probably be opened again next year, by a tunnel from the Primrose gangway on the first or old shaft level. The two tunnels commenced in 1899 from the Mammoth bed, on the lowest water level and third or No. 2 slope level, were extended to the Seven Foot bed this year. This coal bed, which on lands adjoining is a fine seam of coal, has not proven of value on this lease. A gangway is, however, driving in it on the No. 2 slope level in hope of finding it in better condition over the eastern portion of the lease.

A tunnel has been driven on the third level from the Mammoth to the Four Foot, and is now continuing to the Holmes bed. A tunnel has been driven on the old shaft level to connect the old with the new shaft now sinking; another is driving on the second level to connect the Skidmore gangway of that level with the new shaft, and a third is driving on the fourth level to connect the Buck Mountain bed of that level with the new shaft. Altogether, a hundred and fifty-six yards of rock tunnels have been driven.



A vertical shaft from the surface to the lowest level has been under consideration for some time, to take the place of the old shaft and the several slopes in the Mammoth and Buck Mountain beds, with their long coal and water hoists, numerous pumps and lines of column and steam pipe. The shaft was determined upon early in the year, and ground was broken for it on June 2d, its dimensions to be fifteen by twenty-four feet, with four compartments, two seven by thirteen feet for hoisting coal, two six feet by six feet for hoisting water, and its depth nine hundred and fifteen feet including the sump, with a hoist from three levels. After obtaining a solid footing in rock fifty feet below the landing, the work of sinking was suspended while a concrete wall three feet thick was built from the rock to the landing. Sinking was resumed at the end of August. Later, by the aid of larger engines and hoisting apparatus and an air compressor for driving the drills, the shaft was sunk at a rate of eighty feet a month through hard and soft rock and coal. If no accident or unforeseen difficulty is encountered, the shaft should be sunk its full depth of nine hundred and fifteen feet by September 1st, 1901. The production will be maintained at its present rate while the shaft is sinking, the old shaft and the slopes in the Mammoth and Buck Mountain beds handling the coal as heretofore.

The sources from which the coal is now obtained and the coal opened for the coming year by gangways driven this year are shown by the tables of new gangways opened and of present production :—

	GANGWAY DRIVEN.									
	Orchard Bed.	Primrose Bed.	Holmes Bed.	Four Foot Bed.	Mammoth Top-spilt Bed.	Mammoth Bed.	Skidmore Bed.	Buck Mountain Bed.	Little Buck Mountain Bed.	All Beds.
	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.	Yards.
Above water level . . . . .				341			897		590	1828
First, or shaft level . . . . .		352		283			127		437	1199
Second, or No. 1 slope level . . . . .				285			285			570
Third, or No. 2 slope level . . . . .				17	50					67
Fourth, or Buck Mountain slope level . . . . .					270	241		263		774
All levels . . . . .		352		926	320	241	1309	263	1027	4438

PRESENT PRODUCTION.										
	Orchard Bed.	Primrose Bed.	Holmes Bed.	Four Foot Bed.	Mammoth Top-split Bed.	Mammoth Bed.	Skidmore Bed.	Buck Mountain Bed.	Little Buck Mountain Bed.	All Beds.
	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.	Per ct.
Above water level . . . . .				4	11	6	5			26
First, or shaft level . . . . .		12		6	1	1		8		28
Second, or No. 1 slope level . . . . .				7	2	1	10			20
Third, or No. 2 slope level . . . . .				1	1	6	6			14
Fourth, or Buck Mountain slope level . . . . .					4	3	5			12
All levels . . . . .		12		18	8	21	7	26	8	100

LEASE NO. 8.—KEHLEY'S RUN COLLIERY.—*Thomas Coal Company, Lessee.*—In common with all others, this colliery lost two months of the present year by the heavy rains of the closing days of February and by the miners' strike of September and October.

The shipment of coal to market was 80,639 $\frac{2}{3}$  tons. Beyond the usual timbering of slope and gangways there have been no improvements. The Mammoth bed continues to furnish 54 per cent. of the coal mined, the other 46 per cent. coming from the Skidmore, Seven Foot, and Buck Mountain beds. The present productive operations are wholly on the second slope level. The sinking of a slope in the Buck Mountain bed to open another level is under consideration.

The proportions of present production from the different coal beds are as follows :—

PRESENT PRODUCTION.					
	Mammoth Bed.	Skidmore Bed.	Seven Foot Bed.	Buck Mountain Bed.	All Beds.
Second slope level,	54	4	6	36	100 per cent.

LEASE NO. 9.—GIRARD COLLIERY AND GIRARD WASHERY.—*W. R. McTurk & Co., Lessee.*—GIRARD COLLIERY.—The slope on the south dip of the Holmes bed, which was filled

with culm after the suspension of mining and surrender of the lease by the previous lessee, on May 6th, 1896, was reopened in May of this year to the water level a depth of one hundred and twenty feet. The old gangway in the Holmes bed has been reopened a hundred feet west of the slope. An extension of the lease limits, to enable the lessee to work this coal bed to the best advantage, is under consideration. Upon the determination of this matter gangways will be driven east and west on both sides of the basin and a tunnel will be driven from the Holmes bed north to the Buck Mountain bed on that side of the basin. It is proposed now to erect the breaker on the south side of the tracks of the Philadelphia and Reading Railway.

**GIRARD WASHERY.**—The coal shipped is obtained from the refuse banks deposited during the Girard Colliery mining operations of thirty-two years, from 1864 to 1895. The shipment to market this year was 64,518 $\frac{1}{2}$  tons, an average for each day worked of 395 tons.

The sizes of coal shipped were :—

Chestnut . . . . .	1,539 $\frac{4}{7}$ tons.	2.39 per cent.
Pea . . . . .	12,647 $\frac{1}{2}$ "	19.60 "
Buckwheat . . . . .	23,916 $\frac{1}{2}$ "	37.07 "
Rice . . . . .	26,414 $\frac{1}{2}$ "	40.94 "

Changes and improvements in the early part of the year and the anthracite miners' strike in September and October compelled a suspension of work for a large part of the year.

The improvements made were the erection of a new elevator tower and large elevators, the change of pea and rice coal shakers from single to double-decked, the addition of new screens, the erection of a new engine and conveyor lines from both the east and west banks to the preliminary cleaning building, and the replacing of the old conveyor line from this cleaning building to the washery building by a heavier line of conveyors.

**LEASE NO. 10.—WEST BEAR RIDGE COLLIERY.**—*Vacant.*—In accordance with an understanding between the Trustees of the Gilbert and Sheaffer Estates, owners of the adjoining lands, and

the Philadelphia and Reading Coal and Iron Company, former lessees of West Bear Ridge Colliery, the pumps located on the upper level of West Bear Ridge Colliery were continued in operation at the expense of the Trustees of the Gilbert and Sheaffer Estates until pumps of sufficient capacity were placed in Lawrence Colliery by the operators of that colliery, who are also the Trustees of the Gilbert and Sheaffer Estates. After the erection and satisfactory testing of the capacity of the Lawrence Colliery pumps, and upon notice by the Trustees of the Gilbert and Sheaffer Estates to the Philadelphia and Reading Coal and Iron Company, the latter removed the pumps from the West Bear Ridge Colliery slope and filled the west side of the slope and the airway with culm. The east side of the slope was filled with culm in 1899. The west side was filled to the surface on June 5th, 1900.

LEASE NO. 11.—KNICKERBOCKER COLLIERY.—*Vacant*.—No coal has been mined from this lease since its operation from 1886 to 1890 by the Philadelphia and Reading Coal and Iron Company.

LEASE NO. 12.—RAVEN RUN WASHERY.—CULM BANKS ON THE JOHN ALEXANDER TRACT.—*Madeira, Hill & Co., Lessee*.—The remodelling of the screens and other machinery was completed and the washery put in operation February 16th, 1900. The shipment of coal to market was 35,597 $\frac{1}{2}$  tons, nearly all of the small sizes, viz. :—

Chestnut . . . . .	24 $\frac{2}{3}$ tons.	.07 per cent.
Pea . . . . .	5,455 $\frac{1}{2}$ "	15.32 "
Buckwheat . . . . .	18,325 $\frac{1}{2}$ "	51.48 "
Rice . . . . .	11,792 $\frac{2}{3}$ "	33.13 "

The extraordinary drouth of this year inconvenienced the washery and prevented its operation on full time for a part of the year. On account of this hindrance, several suspensions for repairs and changes, and the suspension during the strike, the washery was in operation but one hundred and twenty-three days. The average shipment of coal for each full day of work was 291 tons.

LEASE NO. 13.—KIMBERLEY COLLIERY.—*Philadelphia and Reading Coal and Iron Company, Lessee.*—No coal has yet been mined from this lease. The coal will be mined through Draper Colliery, operated by the lessee, on land of other owners adjoining. The east slope of Draper Colliery has been reopened for this purpose down to the water level, and a turnout has been made from which a tunnel will be driven to open the Skidmore, Seven Foot, Buck Mountain, and Little Buck Mountain beds.

LEASE NO. 14.—SCHUYLKILL NO. 1 WASHERY.—CULM BANKS OF FORMER LEASE OF WILLIAM PENN COLLIERY.—*North American Coal Company, Lessee.*—By agreement between John Newton Thomas and North American Coal Company, this lease was transferred to North American Coal Company, with the approval of the City of Philadelphia, Trustee under the will of Stephen Girard, deceased, on February 23d, 1900.

The improvements required for the cleaning of the culm banks were erected and started in operation on November 12th, 1900. They consist of a washery building, with boilers, pumps, conveyor lines, and engines for operating the same.

The washery building is one hundred and thirty-seven feet in front, ninety-seven feet in depth, and eighty-six feet in height, equipped with three sets of breaking rolls, three coal elevators, three slush elevators, nine shaking screens, seventeen jiggling machines, and a number of small conveyor lines to distribute the coal. Besides this machinery there are two sets of large conveyors to bring the material from the banks to the washery and to carry away the refuse, boilers whose capacity is six hundred horse power, an engine for running the washery, additional engines for each large conveyor line and for the slush elevators, and two pumps for the hydraulic mining of the banks.

The coal shipped amounted to  $4590\frac{1}{2}$  tons, of sizes as follows:—

	Tons.	Per Cent.
Egg . . . . .	$25\frac{5}{20}$	.55
Stove . . . . .	$54\frac{3}{20}$	1.18
Chestnut . . . . .	$28\frac{5}{20}$	.61
Pea . . . . .	$741\frac{1}{20}$	16.15
Buckwheat . . . . .	$2,317\frac{1}{20}$	50.49
Rice . . . . .	$1,424\frac{6}{20}$	31.02

These percentages will probably be changed after the washery operation has settled down to a fixed method of work.

**TIMBER LEASES.**—The only timber lease under which any large quantity of timber was cut was that of December 8th, 1897, to J. M. Stauffer, on the Cochran, Chapman, Donaldson, and Gibson tracts, which paid \$2,280.60. Besides this, some timber cut on the Lockhart tract and in clearing for telephone lines increased the income from timber sold to \$2,429.51.

**SURFACE LOT AND FARM LEASES AND MISCELLANEOUS SALES OF STONE, SAND, &C.,** brought an income of \$6,156.67. The farm acreage under cultivation was increased from four hundred and two to four hundred and ten acres by the pulling of stumps on Farm No. 5.

Farm No. 2, vacated November 25th, 1899, by Mrs. Isaac Blew, was rented February 26th, 1900, to Daniel Yates.

The acreage under cultivation and present farm tenants are as follows :

Farm.	Acres Leased.	Acres Cultivated.	Tract.	Farm Tenant.
No. 1	100	69	Joseph Evans	Peter C. Barron.
No. 2	113	69	Thomas Davison	Daniel Yates.
No. 3	111	74	Joseph Evans	John Borlace.
No. 4	108	72	Joseph Evans	Theodore Wewer.
No. 5	117	51	Joseph Evans	Walter G. Lemon.
No. 6	113	54	Thomas Davison	Albert Hetherington.
No. 7	55	21	Isaac Norris	William Sells.

**MORTGAGES** on Girardville town lots paid in installments of purchase money and interest \$900.90.

**WATER PIPES.**—The twelve-inch main from Reservoir No. 4 was extended this year south across Shenandoah Creek and west to Packer No. 1 (-5) breaker, sixteen hundred and fourteen feet and from this main a four-inch branch was laid to Packer No. 1 Colliery Slope, two thousand and thirty-six feet, to take the place of the four-inch branch formerly laid from the eight-inch main from reservoir No. 1, which had been carried down and broken by mining operations. Part of the line of four-inch branch pipes to Packer No. 3 Colliery and the Shenandoah Citizens'

Water and Gas Company was taken up and replaced by one thousand and fifty-six feet of six-inch pipe.

The cost of these changes and extensions and repairs of water meters and of pipe lines broken by mine workings was \$8,215.59.

The rental received for the use of the main and branch water pipes laid on the Girard Estate, connecting the reservoirs of the Girard Water Company with the towns and collieries, was \$5,000.

**FORESTRY.**—The first forest trees planted on the Girard Estate were a few seedlings set out on the John Alexander Tract in 1877. Commencing with the year 1881, young forest trees were planted on the water shed of Lost Creek and of the reservoirs of the Girard Water Company almost continuously every year up to the year 1900, when planting was discontinued, the whole number planted being 252,050. Many of the seedlings planted have been killed by the crowding of the spontaneous undergrowth of pitch pine, scrub oak, and bracken, and by drouth and frost, but many have grown well and have attained a height of from twenty to forty feet.

Efforts for reforestation are confined now to protecting the young pines, oaks, hemlocks, and chestnuts springing up spontaneously, from the depredations of trespassers, and from fires. The protection from fires is most difficult. In Spring and Fall special patrols are employed to prevent and extinguish forest fires, but in spite of all efforts to prevent them, fires are ignited by sparks from locomotive engines, by hunters, berry pickers, and irresponsible wanderers. In April and May of the year 1900 forest fires destroyed timber on the Girard Estate estimated to be worth \$4,074.50, making the loss from forest fires in the last four years \$38,142.50.

**TAXES.**—The improvement in the business management of the county of Schuylkill, noted a year ago, has continued and will continue as long as the citizens of the county take the same watchful interest in the honest and economical administration of its affairs. The issue of new county bonds to the amount of \$229,000 to cover the floating indebtedness of the county, created by the reckless and extravagant management of a previous board of county commissioners, has been successfully contested in the courts, the floating debt has been entirely paid, and a

large surplus is in sight and will soon be available for the repayment of the old bonded debt of the county. The increase in the county tax rate, which was in 1892 four and one-half mills, in 1893 five and one-half mills, in 1894 six mills, in 1895 six and one-half mills, in 1896, 1897, and 1898, eight mills, and in 1899, nine mills, was checked, and the rate of tax for this year reduced to eight mills. A farther reduction of the rate of tax will be made in 1901.

The improvement in the management of the township schools, previously noted, has continued. The public roads of Butler, West Mahanoy, and Conyngham Townships were repaired and new roads were opened by the taxpayers under the Act of June 12th, 1893, without the levy of a road tax.

The rates of taxes for county administration and road, school, and poor support for the year 1900 and the total Girard Estate taxes for these purposes levied this year and the year preceding in the different townships and boroughs, were as follows :

Township or Borough.	County.	School.	Borough or Road.	Special Road.	Poor.	1900. Total Mills.	1900. Total Tax.	1899. Total Tax.
Conyngham . .	4 mills.	13 mills.	6 mills.	. . . .	13 mills.	36	\$2,478 96	\$2,506 48
Butler . . . .	8 "	13 "	4½ "	. . . .	. . . .	25½	10,766 87	11,189 10
W. Mahanoy .	8 "	13 "	4 "	. . . .	. . . .	25	25,123 15	25,123 15
Mahanoy . . .	8 "	7½ "	2½ "	. . . .	. . . .	17½	188 53	200 37
Union . . . .	8 "	3½ "	10 "	. . . .	. . . .	21½	770 97	645 46
East Union . .	8 "	12 "	4 "	2 mills.	. . . .	26	555 15	533 80
Gilberton . . .	8 "	13 "	8 "	. . . .	. . . .	29	1,488 72	1,540 05
Girardville . .	8 "	17 "	4 "	. . . .	. . . .	29	1,131 73	1,098 30
Shenandoah . .	8 "	14 "	13 "	. . . .	. . . .	35	1,678 43	1,726 38
Roaring Creek	4 "	3½ "	8 "	. . . .	2 mills.	17½	2 07	1 80
Delano . . . .	8 "	10½ "	4 "	. . . .	. . . .	22½	10 19	10 42
Kline . . . . .	8 "	17 "	10 "	4 mills.	. . . .	39	9 95	8 42
							\$44,204 72	\$44,583 73

Very respectfully yours,

HEBER S. THOMPSON,  
*Engineer Girard Estate.*

POTTSVILLE, PA., December 31st, 1900.





## APPENDIX C.

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# REPORT OF THE GIRARD WATER COMPANY FOR THE YEAR 1900.

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### BOARD OF DIRECTORS.

LOUIS WAGNER, *President*.

JOHN H. CONVERSE,  
DALLAS SANDERS,

JOHN K. CUMING,  
EDWIN S. STUART.

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### OFFICERS.

*Secretary* . . . . . GEORGE E. KIRKPATRICK, Philadelphia.  
*Treasurer* . . . . . FRANK M. HIGHLEY, Philadelphia.  
*General Manager* . . . HEBER S. THOMPSON, Pottsville.  
*Superintendent* . . . . EMIL C. WAGNER, Girardville.  
*Solicitor* . . . . . SAMUEL H. KAERCHER, Pottsville.

## GIRARD WATER COMPANY.

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### GENERAL MANAGER'S REPORT.

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MESSRS. LOUIS WAGNER, *President*, and JOHN H. CONVERSE, DALLAS SANDERS, JOHN K. CUMING, EDWIN S. STUART, *Directors, of the Girard Water Company.*

GENTLEMEN :—The plant and property of the Girard Water Company, embracing fourteen hundred and eighty-seven and thirty-seven hundredths acres of mountain land, the streams of Lost Creek and Raven Run, four reservoirs on these streams, and two stone cottages occupied by reservoir watchmen, are without change of note during the year 1900.

The water mains, which are all laid upon the lands of the Girard Estate and are owned by the City of Philadelphia, Trustee under the will of Stephen Girard, deceased, have been moved and extended to furnish a larger and more certain supply of water for colliery use and for domestic consumption and to guard against the breaking of the mains by the settling of the surface of the ground over territory from which the coal is mined.

The cost to the Girard Estate of the extensions of mains and branches and of water-pipe repairs during the year 1900 was \$8,215.59.

On account of the inadequacy of the mains laid for supplying water to Packer No. 3 and Packer No. 4 and William Penn Collieries, Schuylkill Washery No. 1 of the North American Coal Company and the Shenandoah Citizens' Water and Gas Company, an extension of the eight-inch main from Reservoir No. 2 to Packer No. 4 Colliery will require to be laid early next year.

An eight-inch main will also be required to be laid from Packer No. 1 (-5) Colliery breaker to Girardville Borough.

A kitchen addition to the house of the watchman at No. 3 Reservoir is proposed to be built in the Spring of 1901.

The income of the Company is almost wholly from water sold at wholesale rates, to colliery lessees, to railroad and trolley companies, and to domestic consumers, with a small return from the rental and sale of the ice privileges of the reservoirs and the rental of a couple of small strips of land to owners of property adjoining.

The expenses of maintenance are the taxes to the Commonwealth, rental of mains, salaries of watchmen, repairs to reservoirs and to houses of watchmen. The taxes are fixed by the laws of the Commonwealth. The rental of the eleven miles of water mains which are owned and kept in repair by the Girard Estate is \$5000 per annum. The salaries to the reservoir watchmen are small and the expenses of repairs to embankments, waste ways, water gates, discharge pipes, and buildings connected with the reservoirs insignificant.

Under these favorable conditions the Company has been able to furnish water at so low a rate that consumers generally have desired to make contracts for a water supply for a long period of years.

Renewals of agreements with the Philadelphia and Reading Coal and Iron Company for a supply of water to Preston No. 2 and Bast Collieries were made during the year 1900, also with the Lehigh Valley Coal Company for a supply to houses at Lost Creek, with Girardville Borough for a supply for municipal and domestic use, and with the Lehigh Valley Railroad Company for water to its locomotive engines at Lost Creek. New agreements were made with North American Coal Company for a water supply to its Schuylkill Washery No. 1 at William Penn and with John J. Moran and Patrick Cuff for water to the village of Conners. An agreement was made with Joseph W. Daddow and others for the ice privilege of Reservoirs No. 2 and No. 3, and an understanding has been reached with these lessees, who hold also the ice privilege of No. 4, and the Lehigh Valley Railroad Company for a right of way to the latter for the extension of a siding to the ice houses below Reservoir No. 4.

The average gross price received for all water supplied during the year 1900 was seven and ninety-seven hundredths (7.97) cents per thousand gallons.

The average gross price for water furnished each year from 1890 to 1900 was :—

In 1890 . . . . .	8.25	cents	for	each	thousand	gallons.
" 1891 . . . . .	8.35	"	"	"	"	"
" 1892 . . . . .	8.23	"	"	"	"	"
" 1893 . . . . .	8.04	"	"	"	"	"
" 1894 . . . . .	7.49	"	"	"	"	"
" 1895 . . . . .	7.79	"	"	"	"	"
" 1896 . . . . .	7.72	"	"	"	"	"
" 1897 . . . . .	7.73	"	"	"	"	"
" 1898 . . . . .	8.00	"	"	"	"	"
" 1899 . . . . .	8.06	"	"	"	"	"
" 1900 . . . . .	7.97	"	"	"	"	"

The drouth of the year 1900 has been the most severe experienced in the life of the Girard Water Company, although the deficiency of rain for the year was slightly greater in the year 1895. The Summer of 1900 was one of excessive heat, making the loss of water from evaporation much greater than the gain of rainfall over the year 1895. For six months of the year, from the 1st of June until the end of November, many collieries in the anthracite region were dependent for water upon supplies hauled from a distance in regular trains of water-tank cars, or upon mine water partially purified of its sulphuric acid in lime tanks, while the borough of Shenandoah, with its population of 17,000, was restricted to a supply of water two hours each day. During all this time the Girard Water Company furnished a full supply of water, without any restriction, to all collieries and railroads. For a month, from November 7th to December 8th, the supply to domestic consumers was limited to three hours—8 to 11 A. M.—daily. The quantity drawn during three hours was probably as great as would have been used during twenty-four, but the water saved—sixty per cent. of the ordinary quantity supplied for domestic consumption—represented the leakage and wastage of the Girardville Borough, William Penn, and other domestic mains and service pipes. The smallest quantity of water stored at any time was 10,839,769 gallons on November 25th, when a rainfall of  $2\frac{8}{10}$  inches in four days replenished the supply and practically ended all apprehension of the exhaustion during this year of the stored water.

The quantity of water supplied to all consumers during the year was 287,858,147 gallons.

The largest monthly consumption was that of September, 26,812,180 gallons; the smallest, that of April, 19,170,416 gallons.

The quantities supplied monthly were:—

In January . . . . .	25,950,589 gallons.
" February . . . . .	22,618,016 "
" March . . . . .	23,047,175 "
" April . . . . .	19,170,416 "
" May . . . . .	23,539,484 "
" June . . . . .	25,379,564 "
" July . . . . .	26,110,360 "
" August . . . . .	26,091,659 "
" September . . . . .	26,812,180 "
" October . . . . .	20,553,451 "
" November . . . . .	23,268,708 "
" December . . . . .	25,316,545 "

The quantity of water furnished to collieries was 200,568 25 gallons, or 70 per cent.; to railroads, 10,620,087 gallons, or 4 per cent.; to domestic use, 76,669,835 gallons, or 26 per cent.

The quantity supplied to our several consumers was as follows:—

To William Penn Colliery . .	48,199,788 gallons.	
" Hammond " . .	35,152,260 "	
" Preston No. 2 and Bast Col- lieries . . . . .	24,788,720 "	
" Packer No. 2 Colliery . . .	20,391,228 "	
" Packer No. 4 " . . .	19,197,981 "	
" Packer No. 1 " (shaft) . .	17,790,503 "	
" Draper " . . .	12,000,000 "	
" Packer No. 3 " . . .	8,790,496 "	
" Packer No. 1 " (slope) . .	7,090,661 "	
" Girard Washery . .	3,981,604 "	
" Raven Run " . .	2,036,056 "	
" Schuylkill No. 1 " . .	1,148,928 "	
Total for mining operations . . . .	200,568,225 gallons.	70 %
To the Schuylkill Traction Co. .	7,705,131 gallons.	
" the Lehigh Valley Railroad Company . . . . .	2,914,956 "	
Total to railroads . . . . .	10,620,087 gallons.	4 %
Forward . . . . .	211,188,312 gallons.	74 %

Forward . . . . .	211,188,312 gallons.	74 %
To Girardville Borough . . .	45,273,915 gallons.	
" Shenandoah Citizens' Water Company . . . . .	12,397,352 "	
" William Penn Village . . .	12,000,000 "	
" L. V. C. Co., houses at Lost Creek . . . . .	4,103,808 "	
" William Parfit <i>et al.</i> , E. Lost Creek . . . . .	1,421,948 "	
" Michael A. Noone, W. Lost Creek . . . . .	815,320 "	
" James F. Gallagher <i>et al.</i> , N. Lost Creek . . . . .	489,940 "	
" Moran & Cuff, Conners . .	167,552 "	
Total for domestic use . . . . .	76,669,835 gallons.	26 %
Total to all consumers . . . . .	287,858,147 gallons.	100 %

The water supplied in the seventeen years since the Girard Water Company took over the water works of the Girard Estate on January 1st, 1884, has been 2,853,583,425 gallons.

The quantities supplied each year have been as follows :—

In the twelve months to December 31, 1884	92,848,023 gallons.
" " " " 1885	149,350,286 "
" " " " 1886	123,716,803 "
" " " " 1887	81,318,299 "
" " " " 1888	102,205,751 "
" " " " 1889	103,896,900 "
" " " " 1890	122,503,850 "
" " " " 1891	125,115,998 "
" " " " 1892	170,985,664 "
" " " " 1893	191,642,967 "
" " " " 1894	219,485,513 "
" " " " 1895	225,386,086 "
" " " " 1896	187,436,786 "
" " " " 1897	211,624,474 "
" " " " 1898	217,984,908 "
" " " " 1899	240,222,970 "
" " " " 1900	287,858,147 "

Total water furnished in 17 years 2,853,583,425 gallons.

The depth and capacity of the reservoirs of the Company are :—

	Depth of Water.	Capacity.
Reservoir No. 1 . . . . .	8 feet.	400,000 gallons.
Reservoir No. 2 . . . . .	23.4 "	29,956,785 "
Reservoir No. 3 . . . . .	28 "	73,092,228 "
Reservoir No. 4 . . . . .	27.3 "	73,580,890 "

Total . . . . . 177,029,903 gallons.

The quantities of water stored at the beginning and end of the year were as follows :—

January 1st, 1900.			December 31st, 1900.		
Reservoir No.	Depth of Water.	Water Stored.	Reservoir No.	Depth of Water.	Water Stored.
1 . . . . .	8 feet.	400,000 gallons.	1 . . . . .	8 feet 0 inches.	400,000 gallons.
2 . . . . .	23.4 "	29,956,785 "	2 . . . . .	5 " 10 "	2,213,736 "
3 . . . . .	28 "	73,092,228 "	3 . . . . .	15 " 8 "	19,804,830 "
4 . . . . .	27.3 "	73,580,890 "	4 . . . . .	5 " 5 "	1,363,260 "
Total . . . . .		177,029,903 gallons.	Total . . . . .		23,781,826 gallons.

The reservoirs were full to overflowing at the beginning of the year and continued practically full until the end of May, when the deficiency of rainfall of April and May began to affect the streams and the quantity of stored water. Notwithstanding the rainfall of the two Summer months taken together nearly reached the normal quantity, the decline in the quantity of stored water continued steadily until it reached its lowest of 10,839,769 gallons, on November 25th.

The rainfall during, and the quantity of water stored at the end of, each month during the year were as follows :—

Rainfall During Month.		Quantity of Water Stored.	
January . . . . .	2.65 inches.	January 31 . . . . .	177,029,903 gallons.
February . . . . .	5.63 "	February 28 . . . . .	177,029,903 "
March . . . . .	5.50 "	March 31 . . . . .	170,873,235 "
April . . . . .	0.94 "	April 30 . . . . .	172,412,402 "
May . . . . .	1.29 "	May 31 . . . . .	152,805,054 "
June . . . . .	3.70 "	June 30 . . . . .	121,567,001 "
July . . . . .	6.96 "	July 31 . . . . .	99,913,239 "
August . . . . .	4.77 "	August 31 . . . . .	84,372,049 "
September . . . . .	1.22 "	September 30 . . . . .	53,655,901 "
October . . . . .	3.32 "	October 31 . . . . .	31,530,050 "
November . . . . .	3.77 "	November 30 . . . . .	15,355,380 "
December . . . . .	3.03 "	December 31 . . . . .	23,781,826 "

The monthly and annual rainfall of the fourteen years from 1887 to 1900, during which a record has been kept at the reser-



voirs, and the monthly and annual average for this period, are as follows :—

	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	Average Fourteen Years.
January . .	5.03	3.50	3.80	2.94	8.74	8.46	4.09	2.72	3.82	1.39	2.59	5.43	2.76	2.65	4.14 In.
February .	5.32	3.45	1.66	4.56	4.36	1.46	7.00	5.52	1.54	6.40	3.46	1.77	6.69	5.63	4.20 "
March . .	1.32	4.35	2.77	5.25	4.08	7.60	4.82	1.13	2.80	6.00	2.89	4.26	4.85	5.50	4.11 "
April . . .	3.13	3.29	7.23	4.40	3.54	1.77	3.58	5.43	4.91	1.88	3.77	4.21	2.02	.94	3.58 "
May . . .	3.65	7.08	6.93	12.41	1.80	4.95	8.51	12.69	3.33	2.23	8.27	6.33	3.53	1.29	5.93 "
June . . .	6.52	6.50	8.01	4.56	3.70	7.62	2.17	1.79	2.77	5.14	4.17	2.38	5.40	3.70	4.60 "
July . . .	3.51	3.34	9.46	6.36	9.64	4.35	4.87	2.50	2.73	11.30	5.58	4.84	4.99	6.96	5.75 "
August . .	8.79	8.58	6.03	6.48	9.47	2.56	4.11	1.47	4.69	1.28	2.64	11.32	7.40	4.77	5.68 "
September	3.41	8.18	6.50	4.51	1.99	3.42	3.10	5.74	2.69	3.26	2.48	1.14	6.65	1.22	3.88 "
October .	1.16	4.83	4.41	6.24	3.77	0.41	3.87	7.66	3.47	5.55	1.98	6.18	1.02	3.32	3.85 "
November	1.98	4.90	10.16	1.67	5.12	4.70	3.57	2.99	2.71	8.05	6.12	5.00	2.63	3.77	4.53 "
December	4.91	4.62	3.31	4.65	6.23	2.02	3.23	4.75	4.65	1.20	5.92	3.02	4.19	3.03	3.98 "
Year . . .	48.73	62.62	70.27	64.03	62.44	49.32	52.92	54.39	40.11	53.68	49.87	55.88	52.13	42.78	54.23 In.

The average monthly rainfall of fourteen years is  $4\frac{52}{100}$  inches.  
 The deficiency of rainfall for the year 1900 is  $12\frac{88}{100}$  inches, or  
 $22\frac{87}{100}$  per cent.

Very respectfully yours,

HEBER S. THOMPSON,

*General Manager.*

POTTSVILLE, PA., December 31st, 1900.

**SUPERINTENDENT'S OFFICE.**  
**GIRARD WATER COMPANY.**  
**RECORD OF RAIN AND SNOW FALLS**  
 (EXPRESSED IN INCHES AND HUNDREDTHS)  
**DURING THE YEAR 1900,**  
**AT LOST CREEK DAMS, ON NORTH MAHANoy MOUNTAIN, SCHUYLKILL COUNTY, PA.**  
 ELEVATION ABOVE TIDE, 1605 FEET.

Month.	Snow.	Melted.	Rain.	Total.	Total per Month.	Month.	Rain.	Total per Month.	Month.	Snow.	Melted.	Rain.	Total.	Total per Month.
Jan.	1 2 00	20	...	20		May	8 13		Sept.	3	...	...	28	
"	3 50	05	...	05		"	15 02		"	15	...	...	30	
"	11 2 00	40	...	40		"	11 18		"	16	...	...	25	
"	12	...	38	38		"	18 07		"	26	...	...	04	
"	16	...	04	04		"	19 53		"	27	...	...	04	
"	20	...	15	15		"	20 02		"	28	...	...	04	
"	21	...	1 01	1 01		"	25 34		"	29	...	...	27	
"	21 50	08	...	08				1 29				1 22	1 22	
"	25	...	28	28										
"	28	25	03	...	03									
"	31	25	03	...	03									
	5 50	79	1 86		2 65	June	2 36		Oct.	7	...	...	26	
Feb.	4	...	1 25	1 25		"	11 14		"	8	...	...	66	
"	5	50	05	...	05	"	14 1 63		"	13	...	...	43	
"	8	...	28	28		"	18 04		"	16	...	...	1 00	
"	12	...	50	50		"	19 1 14		"	14	...	...	15	
"	13	...	83	83		"	27 24		"	23	...	...	55	
"	17	5 00	60	...	60	"	28 15		"	30	...	...	12	
"	21	...	20	20				3 70	"	31	...	...	15	
"	22	...	1 46	1 46								3 32	3 32	
"	23	50	06	...	06									
"	24	3 00	30	10	40	July	5 82		Nov.	1	...	...	15	15
	9 00	1 01	4 62		5 63	"	6 02		"	3	...	...	05	05
March	1	...	2 60	2 60		"	17 65		"	7	...	...	23	23
"	6	50	05	...	41	"	19 02		"	8	...	...	08	08
"	15	14 00	1 40	...	1 40	"	20 1 00		"	11	25	08	...	08
"	16	4 00	40	...	40	"	21 37		"	15	75	09	...	09
"	19	...	35	35		"	23 08		"	17	...	...	02	02
"	23	...	02	02		"	25 1 84		"	19	...	...	09	09
"	26	1 50	12	...	12	"	26 76		"	20	...	...	33	33
"	29	25	02	...	02	"	30 1 40		"	21	...	...	27	27
"	30	2 00	18	...	18			6 96	"	24	25	12	...	40
	22 25	2 17	3 33		5 50				"	25	...	...	40	40
April	4	25	02	...	02	Aug.	6 2 41		"	26	...	...	1 53	1 53
"	11	...	10	10		"	12 40		"	27	25	05	...	05
"	12	...	20	20		"	13 23				1 50	34	3 43	3 77
"	17	...	17	17		"	20 80		Dec.	4	...	...	2 05	2 05
"	18	...	20	20		"	21 31		"	11	50	05	...	05
"	21	...	25	25		"	23 15		"	23	...	...	22	22
	25	02	92		94	"	24 30		"	26	1 50	09	...	09
						"	26 17		"	28	2 00	24	...	24
								4 77	"	30	...	...	08	08
									"	31	...	...	30	30
											4 00	38	2 65	3 03

		Snowfall.	Precipitation.
Total snowfall for year	42.50 inches.	1900	42.50
Total precipitation for year	42.78	1899	76.25
Average monthly precipitation	3.565	1898	75.50
Greatest monthly precipitation, July	6.96	1897	58.00
Least monthly precipitation, April	.94	1896	52.00
Greatest daily rainfall, March 1st	2.60	1895	49.75
Average yearly snowfall in 14 years	64.24	1894	99.50
Snowfall for 1900, below average	21.74	1893	94.87
Average yearly precipitation in 14 years	54.23	1892	76.62
Precipitation for 1900, below average	11.45	1891	42.75
Average monthly precipitation in 14 years	4.52	1890	52.25
Normal for 1900, according to U. S. Weather Bureau	56.62	1889	31.87
		1888	60.00
		1887	87.50

GIRARDVILLE, PA., December 31st, 1900.

E. C. WAGNER, Superintendent.

## GIRARD WATER CO.

### TREASURER'S REPORT.

**Assets and Liabilities, December 31st, 1900.**

#### ASSETS.

Works on Lost Creek and Raven	
Run. . . . .	\$201,645 52
Cash . . . . .	7,489 18
Water rents due and uncollected . .	355 41
Lot rentals " " " . .	11 25
	\$209,501 36

#### LIABILITIES.

Capital stock . . . . .	\$200,000 00
Dividends uncollected . . . . .	342 50
	200,342 50
Surplus . . . . .	\$9,158 86

**Cash Receipts and Payments during the Year 1900.**

#### RECEIPTS.

Water rents . . . . .	\$22,198 18
Ice cutting privilege . . . . .	146 02
Rent of real estate . . . . .	24 00
Miscellaneous receipts . . . . .	84 08
	\$22,452 28
<i>Cash Balance, January 1st, 1900 . . . . .</i>	1,653 17
<i>Amount carried forward . . . . .</i>	\$24,105 45

*Amount brought forward* . . . . . \$24,105 45

PAYMENTS.—EXPENSES.

Taxes . . . . .	\$1,032 86	
Rent of pipe lines, 1900,	5,000 00	
Repairs and improve- ments to reservoirs .	146 90	
Repairs and improve- ments to buildings . .	951 61	
General improvements .	419 03	
Salaries . . . . .	840 00	
Team hire . . . . .	180 00	
Miscellaneous expenses,	29 42	
Stationery and printing,	36 45	
		\$8,636 27
Dividend . . . . .		7,980 00
		<u>16,616 27</u>
<i>Cash Balance, December 31st, 1900</i> . . . .		<u>\$7,489 18</u>

FRANK M. HIGHLEY,

*Treasurer.*

PHILADELPHIA, December 31st, 1900.



## APPENDIX D.

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### OFFICERS OF GIRARD COLLEGE.

JANUARY 1, 1901.

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#### PRESIDENT.

ADAM H. FETTEROLF, Ph. D., LL. D.

#### VICE-PRESIDENT.

WINTHROP D. SHELDON, A. M., LL. D.

#### FACULTY AND TEACHERS.

JAMES N. WALKER, A. M.,  
*Professor of English and Literature.*

FRED'K PRIME, A. M., Ph. D.,  
*Professor of Natural History.*

JOHN K. HARLEY, M. E.,  
*Professor of Bookkeeping, Penmanship, and Drawing.*

C. ADDISON WILLIS, M. E.,  
*Professor of Mathematics.*

PIERRE FRANÇOIS GIROUD,  
Licencié ès Lettres (Univ. of France),  
*Professor of French.*

CALIXTO GUITERAS, C. E.,  
*Professor of Spanish.*

ALFRED NEWLIN SEAL, Ph. D.,  
*Professor of Chemistry and Physics.*

MAJOR H. G. CAVENAUGH,  
U. S. A. (retired),  
*Professor of Military Science and Tactics.*

FRANK A. CHALMERS,  
*Teacher of Phonography.*

MISS MARIAN B. HERITAGE,  
*Teacher of Elocution.*

#### LIBRARIAN.

MISS MARY MECUTCHEN.

#### TEACHERS IN THIRD FORM.

MISS CHARLOTTE E. OVERN,  
MISS HESSY R. MILLER,  
MISS EMILY P. TOWN,  
MISS INEZ E. WALSH,  
MISS ELIZABETH McDUFFEE,

MISS MARY D. WARE,  
MISS VIRGINIA B. TUCKER,  
MISS SUSAN B. PRICE,  
MISS LOUISE St. C. WOLF,  
MISS MARY E. ROBB,

MISS MARGARET WYLIE.

## TEACHERS IN SECOND FORM.

MISS ANNIE DEAN SWIFT,	MISS MARY PEOPLES,
MISS JANE PEOPLES,	MISS GEORGIE A. CURRIE,
MISS KATHARINE H. BROPHY,	MISS C. JESSICA J. DONNELLY,
MISS LAURA E. BAYMORE,	MISS BESSIE BURNETT,
MISS BESSIE SHARP,	MISS IONA M. NOWLEN,
MISS EMILY E. PAYNE,	MRS. EVA ROBERTS STEVENS.

## TEACHERS IN FIRST FORM.

MISS CARMELITA E. BOETTGER,	MISS KATHARINE S. PAUL,
MISS HELEN A. WILSON,	MISS LILLIE MacFARLAND,
MISS CHARLOTTE A. RAGOTZKY,	MISS MARTHA D. SHARP,
MISS KATHERINE L. MORGAN,	MISS LAURA MAE BENSON,
MISS ANNA M. SHENK,	MISS LENNA M. VAUTIER,
MISS JANE KNOX JACKSON,	MISS EDNA LEIPER,
MISS HANNAH F. SHERRON.	

MISS FANNY WEST, <i>Teacher of Drawing.</i>	WILLIAM D. BASTERT, <i>Instructor of Brass Band.</i>
THOMAS A'BECKET, <i>Organist.</i>	THOMAS WINN, <i>Precentor.</i>
JERRY MARCH, <i>Professor of Vocal Music.</i>	LOUIS LEWIS, <i>Instructor of Gymnastics.</i>

## MECHANICAL SCHOOL.

THELLWELL RUSSELL COGGESHALL,  
*Superintendent.*

DAVIS EAVENSON, <i>Instructor in Wood Turning.</i>	JOHN UPRICHARD, <i>Instructor in Plumbing.</i>
CHARLES M. KNAPP, <i>Instructor in Electrical Mechanics.</i>	ROBERT H. CLINGER, <i>Instructor in Carpentry.</i>
CHARLES S. WILLIAMSON, B.S., <i>Instructor in Mechanical Drawing.</i>	WM. HOWARD ECHTERNACH, <i>Instructor in Foundry.</i>
GEORGE A. PEDDLE, <i>Instructor in Iron Work.</i>	GEORGE W. NORTON, B.S., <i>Instructor in Sloyd.</i>
JOSEPH G. SIMCOCK, <i>Instructor in Blacksmithing.</i>	

## HOUSEHOLD.

### STEWARD.

FRANK O. ZESINGER.

### MATRON.

MISS ANNA M. SHREVE.

### ASSISTANT MATRON,

MRS. ELIZABETH B. THOMPSON.

### SECOND ASSISTANT MATRON.

MISS JOSEPHINE ROSS.

### GOVERNESSES.

MISS MARY L. GOVERS,	MISS ELIZABETH EKINGS,
MISS SARAH M. CHEW,	MRS. HANNAH E. EARL,
MISS CAROLINE M. WHITECAR,	MRS. EDITH W. STONE,
MRS. FANNY T. BOAS,	MISS LILIAN T. SMITH,
MISS VIRGINIA MILLER,	MISS SARA H. WHITBY,
MRS. EMMA NOBLE,	MISS MARGARETTA P. BULLOCK,
MRS. ELIZABETH KRICKBAUM,	MISS MARY MCBRIDE,
MRS. ANNA H. RAINIER,	MRS. MARGARET A. SPIESE,
MISS MARY FRANKLIN,	MISS ELIZABETH THORNILEY,
MISS PHOEBE C. SILLIMAN,	MISS LIZZIE C. DARE,
MISS ADELE C. CASE,	MISS MARY S. CHANCE.

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### SENIOR PREFECT.

WILLIAM H. KILPATRICK.



**PREFECTS.**

HENRY HANBY HAY,  
WILLARD B. RIVELL,  
FRANK H. DANENHOUR,  
GEORGE W. PRICE,  
WILLIAM H. HAGER,  
JAMES B. MACDERMOTT,  
TOWNSEND R. WOOD,  
ALBERT B. HARMER,

CHARLES E. DAVIS,  
ISAAC P. WALKER,  
CHARLES C. HENSHEN,  
THOMAS W. FERGUSON,  
GEORGE D. RISE, JR.,  
GILLINGHAM F. DOUGHTY,  
WILLIAM L. DAWES,  
B. FRANK WICKERSHAM.

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**VISITING PHYSICIAN.**

WILLIAM S. JANNEY, M. D.

**RESIDENT PHYSICIAN,**

SAMUEL McCULLAGH, M. D.

**DENTIST,**

WILBUR F. LITCH, M. D.

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**SUPERINTENDENT OF ADMISSION AND INDENTURES.**

JOHN S. BOYD, Stephen Girard Building, 21 South Twelfth Street.

# GIRARD COLLEGE.

## PRESIDENT'S REPORT FOR 1900.

GIRARD COLLEGE, January 1st, 1901.

*To the Board of Directors of City Trusts:*

GENTLEMEN—During the year 1900 there were admitted to the College, 164 boys.

DISCHARGED :—

Indentures canceled—

To enable them to accept positions . . .	186	
For physical disability . . . . .	2	
Mother able to support him . . . . .	1	
For malconduct . . . . .	8	
	<hr/>	197
Bound out . . . . .	2	
Expelled . . . . .	4	
Eighteen years of age . . . . .	3	
	<hr/>	206
Died . . . . .		6
		<hr/>
		212

Number enrolled December 31st, 1900 . . . . . 1,481

There were the following changes among the instructors and officers :—

Mr. Archibald Cobb, teacher of Phonography, resigned.

Miss Nellie Albrecht, teacher in First Form, resigned.

Miss Ida F. Timmons, teacher in First Form, resigned.

Miss Anna B. Grove, governess of Section L, died.

Dr. Witten Booth Russ, resident physician, resigned.

Miss Grove, whose death occurred on February 26th, was first appointed governess in 1879, previous to which she had held the position of matron's assistant. She was a woman of more than

usual intelligence, conscientious and faithful in the discharge of duty.

Miss Mary White, a governess on the retired list since 1898, died December 15th, of last year. Miss White had been in the employ of the College over thirty years, and will be long remembered by the many boys who have been under her care for her kindness, gentleness, and abiding interest in their welfare.

These vacancies have been filled as follows :—

Mr. Frank A. Chalmers succeeds Mr. Cobb as teacher of Phonography.

Miss Edna Leiper and Miss Hannah F. Sherron have been appointed to the vacancies in the First Form.

Miss Mary S. Chance succeeds Miss Grove as governess.

Dr. Samuel McCullagh, becomes resident physician in place of Dr. Russ.

Major H. G. Cavanaugh, United States Army, retired, was chosen commandant of cadets in place of Capt. Frank A. Edwards, who was recalled at the outbreak of the Spanish War.

### INSTRUCTION.

One of the important events of the year in the Department of Instruction is the change in the time of beginning the school terms. Hitherto the first term of the year began with January and ended with May, while the second began with June and ended with December. One serious disadvantage of this division of the school year was, that the summer vacation intervened between the first and second months of the second term, and as a result the instruction of the month of June was practically lost, and so had to be repeated in September. Under the new arrangement the terms will begin with February and September, and end with June and January.

There have been some valuable additions made to the apparatus in the Department of Physics, a special appropriation having been made for this purpose. Among the most important may be mentioned the following :—

#### *Mechanics :*

Condensing syringe, reservoir, and jets,  
Reaction gas wheel,

Apparatus to illustrate second law of motion,  
 Apparatus to illustrate wire testing,  
 Seven-in-one apparatus,  
 Jolly balance.

*Heat :—*

Differential thermometer,  
 Davy safety lamp,  
 Air thermometer,  
 Apparatus to illustrate convection currents in gases,  
 Apparatus to illustrate convection currents in water.

*Light :—*

Apparatus to illustrate index of refraction,  
 Apparatus to illustrate multiple images,  
 Apparatus to illustrate total internal reflection,  
 Set of Bradley color disks.

*Electricity and Magnetism :—*

Desk galvanometer,  
 Reflecting galvanometer,  
 Thermopile,  
 Apparatus to illustrate parallel currents.

*Sound :—*

Crova disk,  
 Tuning fork recorder,  
 Resonance tube.

It having been considered advisable to use the laboratory method of instruction for Physics as well as for Chemistry, the following pieces of apparatus have been purchased for the students' use in their experimental work :—

*Mechanics :—*

Vernier gauges,  
 Spherometers,  
 Micrometer screw caliper,  
 Metre sticks,  
 Harvard scales and weights,  
 Spring balances,  
 Levers, pans, and small weights,  
 Overflow cans, catch buckets, and wooden blocks.

*Heat :—*

Copper boilers,  
Nickel-plated calorimeters,  
Thermometers,  
Condensation traps,  
Apparatus to determine linear expansion.

*Electricity and Magnetism :—*

Bar magnets,  
Small compasses,  
Copper strips,  
Zinc strips,  
Battery glasses,  
Small galvanometers,  
Daniell cells,  
Storage cells,  
Rheostats,  
Wheatstone bridges,  
Astatic galvanometer,  
Temperature resistance coils.

Besides the apparatus mentioned above for laboratory work in Physics, a number of small articles have been provided, so that the full set of experiments as given in Hall & Bergen's Physics can be carried out when desirable.

The desks in the laboratory have all been supplied with combination locks and each student is given a complete set of all necessary apparatus and is then held responsible for his material. On account of the peculiar conditions of our work, in order to induce carefulness, each boy is required to give a receipt for apparatus obtained, and at the end of the term the most careful member of the class is given a reward. This plan seems on the whole to have been beneficial.

For use in the lecture room a modern electric lantern, with rheostat and rolling screen, has been obtained. This is a very valuable addition to the equipment.

As the lighting of the lecture room was quite insufficient when used as a study room, the lamps have been rearranged and provided with reflectors, thus giving much more satisfactory illumination.

As a suitable reference library is a very necessary part of a complete equipment, a start has been made in this direction by the purchase of Watt's Dictionary of Chemistry and a few other standard works of reference in Chemistry and Physics.

Experience has taught that in Physics as well as in Chemistry, and in fact in all the physical sciences, the laboratory method is the only way by which pupils can become master of a subject. Lectures and experiments by the professor before the class may teach boys *how* to do. But simply knowing how to do a thing is not sufficient. They should be able to *do* it, and this can be learned only by practice.

#### MANUAL TRAINING.

Our school of manual training is keeping well abreast of the times. The changes and additions that have been made in the equipment in several of the class rooms during the year are appreciated by both instructors and scholars. The preparation of the exhibit for Founder's Day, and for the Eastern Manual Training School Convention, held in Cleveland, Ohio, in June last, stimulated the boys to extra effort. They have also had competitive tests in the making of useful articles. Some specimens of this work are now on exhibition, and an inspection of them will convince the visitor that good work is being done. The fact that the junior classes take the most interest in the school, shows the wisdom of the policy adopted some ten years ago, when the question was raised as to whether the work in this department should be extended by sending more boys or by giving more time to the boys already in attendance. It has been evident from the first that, with rare exceptions, boys who are looking forward to graduation do not take up with mechanical pursuits.

The interest in the Sloyd school is well maintained. The interesting feature of this system of hand training is the finished product. On holidays the boy has something to take home. The family become interested, and watch his progress, and wonder what new piece he will next have to bring them. This kind of incentive is what every boy needs, and what the lad brought up in the institutional school so rarely receives. During the year the boys in this department made forty-five different models.

The average number made by each boy is about twelve. The quality of the work done in 1900 is, as a whole, decidedly superior to that of previous years.

We were much gratified to learn that the Girard College exhibit at the annual meeting of the Eastern Manual Training Association, held in Cleveland, Ohio, called forth such favorable comment. Our aim is to make Sloyd instruction a means of general education. A new feature of the work of 1900 has been that the boys have not always been required to follow the prescribed course of models, but have been allowed some liberty in the choice of work. This has had the tendency to bring out original ideas, and some very creditable and beneficial work has been the result. As already mentioned in previous reports, we have in our Sloyd school some of our most enthusiastic manual workers, who are acquiring a skill such as one would hardly expect of young boys.

#### STAMMERING AND OTHER DEFECTS IN SPEECH.

Among our fifteen hundred or more pupils there are always to be found some cases of defective speech, especially stammering or stuttering. Investigation at different times has shown as many as twelve or fifteen afflicted with difficulties of this kind, and of various degrees of severity, some of them very bad cases. Any form of abnormal articulation is a very serious affliction. It greatly hinders a boy's progress in his studies, and in the long run has undoubtedly an unfavorable reflex influence upon the mind itself; it tends to dull the mental activities. If it is not remedied the boy goes out into the world seriously handicapped by this defect; it will be a constant hindrance to him in his work and a distressing annoyance both to himself and to others. It is therefore of great importance that a case of defective speech should receive immediate attention before the difficulty becomes a confirmed habit. All who have had practical experience in dealing with such cases agree in the opinion that by the persistent use of suitable means they can nearly all be cured within a reasonable time, or at least greatly ameliorated.

In the Autumn a half dozen of these boys were placed under the instruction of Prof. J. H. Bechtel, who has met them twice a

week. Severe cases need protracted daily drill in order to be successfully treated. But favorable progress has been made, even with the infrequent exercises noted above. The methods adopted have been based upon a correct diagnosis of the nature of the malady itself, and if they are followed up substantial relief may be expected in almost every instance.

#### CELEBRATION OF FOUNDER'S DAY.

Since the first year of the College the custom has prevailed of honoring the birthday of the Founder, and as years roll by these annual celebrations have increased in interest and importance. Pupils, ex-pupils, and other citizens of the city and Commonwealth have united in giving honor to the great philanthropist.

Stephen Girard gave to his fellow men the benefit both of his substance and of his example. He stands above all for philanthropy. He deserves to be honored above other philanthropists, since he not only founded a great college, but also established a great precedent. By his example, as the first of America's large givers, he taught men that wealth, like life itself, is opportunity. His followers now form a distinguished company of men and women who have found that among life's greatest privileges is that of doing good to our fellow men.

The one hundred and fiftieth anniversary of the birth of the Founder was a day of unusual interest. An important feature of the occasion was the presence of two distinguished guests—Hon. Chauncey M. Depew, United States Senator from New York, and Major-General Nelson A. Miles, General-in-Chief of the Army. The addresses of Senator Depew and General Miles were of a high order, and all who heard them realized that they were enjoying an unusual privilege. General Miles, in reviewing the cadets, also made some admirable remarks. All the other exercises of the day passed off satisfactorily.

#### VISIT OF THE CUBAN TEACHERS.

One of the notable events of the year was the visit, on August 24th, of the Cuban teachers, who were about to return home from the Summer school which they had been attending for six weeks at Harvard University. The visitors, including fourteen



hundred teachers from Cuba, numbered about sixteen hundred people. There was first a reception in the library, then brief exercises with addresses of welcome in the chapel, followed by a collation in the large dining hall in Building No. 8. Such as chose to do so, then wandered about the grounds and through the buildings, where there were teachers and officers to receive them ; while others occupied the chairs which had been placed under the trees upon the lawns. Our guests were evidently much pleased with their reception, which formed a fitting conclusion to their brief sojourn in the United States.

#### THE SUMMER ENCAMPMENT.

The cadets had a very successful encampment in the month of July last, at Island Heights, New Jersey, the same ground that was occupied in previous years. They were in camp just two weeks, from the 6th to the 20th of the month. On the 17th, they were inspected by Capt. T. R. Adams, of the Fifth United States Artillery. A copy of this report, together with the report of the Commandant, is herewith submitted.

#### HEALTH OF THE COLLEGE.

While the number of deaths in the College during the year was larger than in some previous years, the general health of the boys has been good. In the month of January there were a number of cases of diphtheria, one of which proved fatal. One boy was killed in an accident while out on his Easter vacation.

#### A RETROSPECT.

With the going out of the year 1900 there closes not only the year, but also the decade and the century, a circumstance which suggests retrospection. "What does the record show?" we ask, as we stand at the grave of the Nineteenth Century. This question is asked not alone respecting institutions and governments, but also regarding the state of society in art, science, religion, morals, education, and every other department of human

endeavor. While the whole century has been one of rapidly increasing interest in education, its last quarter has been conspicuous as a period of educational unrest and educational experimentation. The last hundred years have been years of progress, but the last twenty-five have been years of the most radical reform. The appeals of the numerous John the Baptists who have gone up and down the land crying "Reform!" have not gone unheeded. Reforms, beneficent and healthful, have come; improved methods, improved school buildings, improved text-books, improved school appliances, greater intelligence on the part of school teachers and officers, and a more enlightened public sentiment. In short, there has been an emancipation, more freedom of action for the teacher, and more freedom of thought for the pupil.

It may be interesting as well as encouraging to note some of the changes and improvements that have taken place in Girard College in the quarter century just closing.

It is only just and proper to state that a large share of the credit belongs to our Board of Management, the Directors of City Trusts. Much that has been accomplished has been at their suggestion, and everything with their approval.

Among the changes indicating progress we may mention the following:—

#### I. IN NUMBER.—

	December 31st, 1875.	December 31st, 1900.
Pupils . . . . .	550	1,510
Instructors . . . . .	23	62
Prefects . . . . .	6	17
Governesses . . . . .	5	22
Buildings . . . . .	7	13

2. MATERIAL IMPROVEMENTS.—During the quarter century there have been many additions and improvements in the grounds and buildings. Building No. 7, which is a cluster of five buildings connected by corridors, and contains accommodations for three hundred and twenty boys, was completed and first occupied in 1877. The chapel building, with a seating capacity of sixteen hundred, was formally opened in 1878.

Building No. 8, with dining hall seating twelve hundred boys, with kitchens, store rooms and officers' dining rooms, and with dormitories for two hundred and thirty boys, was completed in 1881. Building No. 9, with section rooms and dormitories for four hundred boys, was begun in 1885, finished and occupied in 1886. Building No. 10, a school building with sixteen class rooms, was formally opened, and first occupied in 1890.

The steam-heating plant was installed in 1877, and extended to include all the buildings in 1881. The Mechanical School Building was formally opened in 1884. Electric lighting for the grounds was introduced in 1887, and for the buildings in 1894. The filtering plant, which has practically solved the typhoid fever problem, was one of the improvements of the year 1893.

3. MECHANICAL INSTRUCTION.—Introduced in 1882. This department has been constantly growing both in importance and extent. We began in two small rooms in the basement of Building No. 7, with one teacher and one hundred and fifty boys. We now have a separate building, costing with its equipment over \$100,000. The number of instructors has increased to ten, with an attendance, including the Sloyd school, of nine hundred boys. We began with one branch, viz., metal working. We now have in addition, wood working, mechanical drawing, electrical mechanics, plumbing, foundry, blacksmithing and wood Sloyd.

4. PHONOGRAPHY AND TYPEWRITING.—This feature of business training, introduced in 1880, has proved a valuable addition to our course of study. Its educational value lies in the quickness of thought and execution which it promotes, and its practical value consists in opening to boys a new field of profitable employment. The fact that the successful stenographer needs intelligence and the ability to express himself in smooth and correct language, has stimulated the boys to greater diligence in the study of English composition and kindred branches, the importance of which they had not formerly appreciated. When we first began teaching shorthand, the Isaac Pitman system was

adopted. In 1893 it was considered advisable to change to the American, or Ben Pitman system, which has become so deservedly popular in this country.

5. VOCAL MUSIC.—From the opening of the College there has been general instruction in singing. Systematic instruction and drill by classes was begun in 1896, and is now given to the entire First and Second Forms, and one grade of the Third Form. Boys learn to read music at sight, and carry with ease the parts assigned them, whether in class or in chorus. We have learned by experience that it is well worth the time devoted to it, not only for the practical value of the study in itself considered, but also for its helpful influence in general upon the spirit, life, and work of all the pupils who receive the privilege.

6. MILITARY INSTRUCTION.—The first battalion of cadets was organized during the year 1868, and at no time since has the College been without regular, systematic military drill. It was not, however, until 1892, that we engaged the services of an officer of the United States Army. With the advent of this officer came some salutary improvements both in the drills and in the teaching of military science. The cadets are now inspected annually by an officer of the United States Government. We have in use the rifles and accoutrements issued by the War Department. One of the interesting and beneficial features under the new *régime* is the Summer encampment.

7. THE REVISED COURSE OF STUDY.—This was arranged and adopted in January, 1894. It was prepared by a committee of teachers representing all the different grades. While no radical changes have been made there are many improvements both in the subjects to be studied and in the order of arrangement.

8. THE NEW SCHEDULE OF RECITATIONS FOR THE FOURTH FORM.—This change was made in 1899. It has resulted in a greater interest on the part of the pupils, and consequently in more rapid progress and greater thoroughness.

9. THE SLOYD SCHOOL.—As has already been stated, mechanical instruction has had an important place in our curriculum since 1882. In 1898 it was considered expedient to introduce Sloyd. This system of manual training is calculated to interest, develop the minds and train the hands of the younger boys. About three hundred boys attend this department, receiving two hours' instruction per week.

10. THE SAVINGS FUND.—Educators and other thoughtful observers of social life in America have become impressed with the importance of training children in habits of thrift. They have noticed that of the thousands of our young people who are graduated yearly from schools and colleges with minds well stored with knowledge, many fail in life apparently because they have not been trained to habits of thrift, economy, and self-dependence. The Girard boy has apparently greater temptations to become wasteful than the average boy educated in the public schools; and living with his family. Everything is furnished to him in abundance, such as books and stationary, his clothing and his subsistence. In his mind the fund from which his needs are supplied is inexhaustible, and with this thought ever uppermost he is likely to be careless, indifferent, and extravagant in the use of his belongings, and so acquire habits of improvidence which will cling to him when he leaves the College to earn his livelihood.

Our boys are not without their little sums of money, generally the gifts of relatives and friends. In the home such money is generally taken care of by parents or other members of the family; or it may be kept under lock and key in some safe place. With us a boy can keep his money only by handing it to his prefect or governess. In most cases he prefers to spend it and so is liable to acquire the habits of the spendthrift. We now receive from boys who desire to put by their savings money even in small sums and place it in bank to draw interest, giving to each depositor his own bank book. The plan was first inaugurated in 1892, since which time we have constantly on deposit about \$2000, the property of over three hundred and fifty depositors. The value lies not in the money, but in the habit acquired.

11. THE RELIGIOUS SERVICES.—Girard College has demonstrated that an institution can be Christian without being sectarian. Since its organization there have been daily religious services, with addresses on Sundays. The ecclesiastic, missionary, and minister being excluded, the services are from necessity conducted by laymen. Under the peculiar restrictions contained in the will of the Founder, our religious exercises have always been a delicate as well as an interesting feature of our work. There have been salutary reforms here as elsewhere, during the twenty-five years we are reviewing. The speakers always confine themselves to the time-limit of twenty minutes. The music also has been greatly improved. The service book has been revised and in every respect better adapted to the needs and comprehension of a congregation such as ours.

12. MORAL INSTRUCTION.—The Founder enjoins "that all the instructors and teachers in the College shall take pains to instill into the minds of the scholars the purest principles of morality." In the revised curriculum, adopted in 1894, special provision is made for systematic moral instruction. All the cardinal virtues are taught in a manner suitable to the ages and attainments of the boys in the different grades. The part of a boy's training in an institution which furnishes both the home and the school is of the highest importance.

13. LECTURES AND ENTERTAINMENTS.—Beginning with the season of 1896-97, we have had annually a series of lectures and entertainments. The lectures are generally on subjects of general or current interest, historical, scientific, or literary. The lecturers are chosen because of their special fitness both in attainment and in ability to meet the wants of an audience of young boys. The entertainments are of a character to amuse, please, and interest, without being frivolous. As our boys are unavoidably deprived of the privileges of seeing much of the world, we make every effort to bring to them as much of life and variety from the outside as possible.

14. SCHOOL ROOM DECORATION.—During recent years, and especially in the last decade, art training has received a good share of attention from progressive educators and friends of education. There has come a demand for school room decoration, a desire to have something on the walls of the rooms to relieve the staring blankness, to please the eye and cultivate a taste for the beautiful, whether in art or in nature. Aside from the cultivation of a refined taste, there is a moral and intellectual value in the unconscious influence upon the youthful beholder. A few pictures, whether of eminent men, of historical places or buildings, or of masterpieces in architecture, change the atmosphere of a room and inspire the child with the desire to imitate that which is good, noble, and beautiful in life. We have placed on the walls of our school rooms, section rooms, and halls, during the last half dozen years, pictures and portraits of suitable sizes and subjects. They have been selected with much care, our aim being to get only such as will be interesting, instructing, and elevating.

15. THE LIBRARY.—In 1895 the College library was put in charge of a professional librarian and the card catalogue system introduced. Another forward stride is giving the privilege of the library to the boys in the higher classes. With this advantage and the use of the libraries that are placed in all the class rooms and section rooms, our boys are kept well supplied with good reading matter. One of the gratifying results of the system is the gradual disappearance of the dime-novel literature.

16. SUMMER VACATIONS.—A more liberal policy prevails in the granting of leave of absence during the summer vacation months. In the place of the two weeks' limit, with an occasional extension to three when boys went to a distance, which obtained twenty years ago, we now give six or eight weeks to those whose homes are of such a character to be fit places for the boy to take a Summer outing. The condition of the home must be guaranteed by a physician who is familiar with the family and the neighborhood. This system, we have found, has two distinct advantages: first, it gives the boy a wholesome change; and

second, it serves to keep up a close friendship with the other members of the family.

17. THE FIFTEEN-YEAR RULE.—Under the provisions of this regulation, enacted December, 1893, all boys who fail to reach the Fourth Form by the time they are fifteen years old, provided they have been in the College six years, must leave the institution within thirty days. As this is probably the most radical change that has been made in the College since its organization, it may not be amiss to discuss it briefly, especially with reference to its bearing upon the provisions of the Founder's will.

Mr. Girard says that he is particularly desirous of providing for the orphans "a better education than they usually receive from the application of the public funds." His will was written and executed in February of the year 1830. This was before the Free School System had been adopted. The Act of 1809 was then in force, and what the condition of education was under its provisions may be inferred from the following extract from an elaborate report made by the Committee on Education of the State House of Representatives, January, 1831 :—

"This Act only provides for the education of those children between the ages of five and twelve years ; as if in that period they would learn enough to enable them to act their parts in the several stations in which they may be placed through life with advantage to themselves and with credit to the State of which they are citizens. None are contemplated within its provisions but those whose parents are unable to pay for their education ; as if by drawing an invidious distinction between the wealthy and the poor the latter would more eagerly adopt the provisions of an Act thus rendered obnoxious to them. None are prepared to enjoy its provisions unless they have first been notified of their poverty and degradation by the Commissioners of their county. And not until thus certified and approved to be within its letter does the assessor give them leave to attend any school convenient within their neighborhood.

"This Act in some measure militates with the spirit of our free institutions. They have an equalizing tendency ; it, the



contrary. They would confound all ranks, classes, and distinctions ; it marks, delineates, and approves of them. Hence that feeling so peculiarly manifest among us, that will acknowledge no inferiority, has too often encouraged a disposition on the part of the poor to suffer their children to grow up ignorant and unlearned rather than humble them, in their opinion, by accepting alms of the public. Hence this Act has not had the full effect that its framers expected of it, and falls far short of that system which the education of the youth of our rising Commonwealth demands. And hence, it is only surprising that it has remained so long unrepealed on our statute book."

No one will question that the boys of the College are receiving a better education than any boys were receiving from the application of the public funds under the laws of the State in 1830, or at any time prior to the passage of the Free School Act in 1834.

But how does the work of Girard College compare with what is now being done for the children of the city public schools? In Girard College the boys are classed in four divisions, known as the First, Second, Third, and Fourth Forms—the Fourth being the highest and corresponding fairly with the City High School. The First Form contains 31 per cent. of the boys ; the Second Form, 31 per cent. ; the Third Form, 28 per cent., and the Fourth Form, 10 per cent. Grouping the corresponding grades in the public schools and taking the number of boys in each, their percentage is 44, 30, 23, and 3, respectively. In other words, while Girard College has 28 per cent. of its pupils in the Third Form, the public schools have but 23 per cent. in the corresponding division ; and while Girard College has 10 per cent. in the Fourth, or High School Form, the public schools have but 3 per cent.

From these figures it would appear that the Girard boys are afforded equal, if not better, opportunities for acquiring an education than they would receive from the application of the public funds in this city even in this day.

In every school there are boys who are without ambition, inattentive, disobedient, and even defiant. Such boys are a disturbing element in the class, lower the tone of the school, and seriously interfere with the work of the teacher and the progress of their

associates. Under the best of circumstances, such lads will not derive much benefit from remaining in the institution after they have become fifteen years of age. They need to be taught the lessons of experience in practical life, such as come with contact with the world. To offer that "better education" and the "more comfortable maintenance" described by the Founder, to those who have neither desire nor capacity for availing themselves of such advantages, especially after they have reached an age when they can earn a livelihood, would be bad husbandry of the capital which is intrusted to us. This view of the question becomes of special importance when we take into consideration the fact that there are constantly so many little boys seeking admission. To keep in the institution the unworthy who are able to do for themselves to the exclusion of the helpless and worthy, would not be complying with the wishes of Mr. Girard, who distinctly says that "those scholars *who shall merit it* shall remain in the college until they shall respectively arrive at between the ages of fourteen and eighteen years of age." To quote from the distinguished jurist and publicist, Dr. Francis Lieber, who had made a study of Mr. Girard's will: "It is therefore necessary not only to allow expulsion for bad moral conduct, but also for want of due application, the standard of which ought not to be low."

18. "BINDING OUT" AND CANCELING INDENTURES.—All the boys who left the College in 1875, who were not dismissed for misconduct, or for reaching the age limit (eighteen years), were "bound out." Of the 206 boys who left the institution in 1900, but two were indentured. The system of "apprenticing," which was almost the only method by which boys were taken into employment in Mr. Girard's day, has been practically discontinued. Employers refuse to enter into an agreement which makes them responsible for any definite period, and the boy also prefers to be free to earn what he can, and to change employers when he and his friends find it to be to his advantage to do so. And thus the "binding out" has grown more and more into disfavor until it finally has become a question whether we should give up the system of apprenticing or deprive our boys of many of the best opportunities for profitable employ-

ment. During recent years it has been our custom when a boy has found suitable employment, or has reached the age when the authorities think he should no longer remain in the institution, to cancel the indenture binding him to the College, when he is practically returned to the care of his mother or nearest friend. While we consider ourselves legally released from all responsibility, we still keep an oversight of the boy until he becomes of age. Our Superintendent of Admission and Indentures, as far as he is able, visits all boys under twenty-one years of age at least once each year.

19. THE INFIRMARY.—In no other of the minor departments of the College have there been greater improvements than in the Infirmary. The building has been twice enlarged, improved, and refitted, so that it is now one of the best equipped hospitals in the city. Our staff of nurses has been increased from two in 1875 to eight in 1900, and since 1884 there has been a resident physician. Our equipment is such as to afford every facility for giving to the sick the best treatment and all the comfort that modern methods can furnish.

20. HOUSEHOLD.—In the household is found the family life of the school. Progress in this department cannot be shown in statistics. No records that can be kept can indicate what is accomplished by the faithful men and women who, by their judicious supervision, by their watchful care of the health, habits, and comfort, and by the quiet influence of conscientious and exemplary living, mould the characters of those committed to their charge. It is like civilization itself. The results of the work are more evident than the work itself.

A marked improvement in this department has been the grading of salaries according to length of service. It has greatly improved the efficiency of the prefect corps. During the twenty-five years beginning with 1850 the average length of service of the prefects was a little less than three years. During the twenty-

five years ending with 1900 the average term of service is over eight years. Seventeen served over eight years, and four over twenty years.

The nineteenth century has made a grand record in educational progress. Its characteristic feature has been the diffusion of information among the masses. The printing press has furnished the storehouse of knowledge, and the public schools have supplied the key. By means of these agencies general intelligence has taken the place of illiteracy. People having learned to read now read to learn.

The keynote of education in the new century should be, and we believe, will be, character. Thoughtful men everywhere observe that knowledge alone will not give moral power, and so will not of itself make men of sterling integrity. Modern civilization has doubtless brought us a refinement of manner, but it is a question whether there has not come with this social culture a corresponding weakness of human character. There is less brutality among men, and a marked decrease in revolting crime. But dishonesty and corruption continue to exist. We still have theft of public funds, wrecking of railroads, bribery of officials, embezzlement of trust funds, and unscrupulous manipulations of stocks. The twentieth century will have its problems as serious as those of its predecessors. It will need men with sufficient intelligence to understand them and with integrity and courage to grapple with them.

In closing this report I am reminded of the fact that already a score of years has elapsed since I first became connected with the work of this institution. As I look back over these twenty

years, remembering the lights as well as the shadows, the encouragements as well as the discouragements, I realize that I owe a debt of gratitude to all those under whom, with whom, and for whom I have labored. To directors, teachers, officers, and boys I take the opportunity of expressing my acknowledgments for many favors, courtesies, and other acts of kindness which have lightened my burdens and cheered my heart.

Respectfully submitted,

A. H. FETTEROLF,  
*President.*

GIRARD COLLEGE INFIRMARY,  
PHILADELPHIA, January 1st, 1901.A. H. FETTEROLF, PH. D., LL. D.,  
*President.*

DEAR SIR :—Following is the record of the cases treated during the year 1900 :—

Abscess . . . . .	40	<i>Brought forward</i> . . . . .	468
“ alveolar . . . . .	9	Epilepsy . . . . .	1
Adenitis . . . . .	11	Epistaxis . . . . .	7
Anæmia . . . . .	7	Erysipelas . . . . .	2
Bronchitis, acute . . . . .	134	Erythema . . . . .	2
“ chronic . . . . .	5	Fever, ephemeral . . . . .	66
Bursitis . . . . .	1	“ intermittent . . . . .	32
Carbuncle . . . . .	2	“ simple, continued, . . . . .	2
Cholera morbus . . . . .	5	“ typhoid . . . . .	7
Chorea . . . . .	3	Furuncle . . . . .	15
Colic, intestinal . . . . .	1	Gastritis, acute . . . . .	1
Conjunctivitis, catarrhal . . . . .	9	Headache . . . . .	335
“ granular . . . . .	4	Heart disease, valvular . . . . .	10
Concussion of brain . . . . .	1	Herpes . . . . .	4
Constipation . . . . .	5	Hydrocele . . . . .	1
Contusion . . . . .	50	Indigestion, acute . . . . .	357
Coryza . . . . .	16	Influenza . . . . .	35
Coxalgia . . . . .	2	Ingrowing toe nail . . . . .	3
Croup, spasmodic . . . . .	11	Jaundice, catarrhal . . . . .	1
“ membranous . . . . .	3	Laryngitis . . . . .	33
Dermatitis . . . . .	5	Measles . . . . .	110
“ venenata . . . . .	6	Myalgia . . . . .	40
Diarrhoea . . . . .	64	Nephritis . . . . .	5
Diphtheria . . . . .	19	Neuralgia . . . . .	4
Dislocation . . . . .	2	Onychia . . . . .	1
Dysentery . . . . .	4	Parotitis . . . . .	2
Earache . . . . .	35	Pericarditis . . . . .	1
Eczema . . . . .	12	Pertussis . . . . .	18
Endocarditis, acute . . . . .	2	Pharyngitis . . . . .	134
<i>Carried forward</i> . . . . .	468	<i>Carried forward</i> . . . . .	1697

<i>Brought forward</i> . 1697	<i>Brought forward</i> . 2101
Pityriasis . . . . . 2	Toothache . . . . . 7
Pneumonia . . . . . 27	Torticollis . . . . . 10
Psoriasis . . . . . 4	Ulcer . . . . . 6
Purpura . . . . . 1	Urticaria . . . . . 6
Retarded development . . . . . 1	Vaccinia . . . . . 1
Rheumatism . . . . . 24	Varicella . . . . . 44
Scarlet fever . . . . . 8	Vertigo . . . . . 15
Sprain . . . . . 26	Worms, intestinal . . . . . 4
Stomatitis . . . . . 3	Wounds, incised . . . . . 22
Tabes mesenterica . . . . . 1	“ infected . . . . . 12
Tinea corporis . . . . . 2	“ lacerated . . . . . 27
Tonsillitis . . . . . 206	
“ follicular . . . . . 99	Total . . . . . 2255
<i>Carried forward</i> . . 2101	

There were six deaths during the year, due to the following causes :—

Appendicitis . . . . .	1
Diphtheria . . . . .	1
Pneumonia . . . . .	1
Tabes mesenterica (tubercular peritonitis) . . . . .	1
Valvular heart disease . . . . .	1
Killed in an accident while out of College . . . . .	1
Total . . . . .	6

Respectfully submitted,

WM. S. JANNEY,  
*Visiting Physician.*

S. McCULLAGH,  
*Resident Physician.*

PHILADELPHIA, January 1st, 1901.

A. H. FETTEROLF, Ph. D., LL. D.,  
*President.*

DEAR SIR:—I have the honor to report that the expenditures for Subsistence during the year ended November 30th, 1900, amounted to \$116,456.61, accounted for as follows:—

Almonds, p. s. . . . .	370	pounds . . . .	\$61 05
Apple butter . . . . .	4,450	" . . . .	311 50
Apples, dried . . . . .	1,399	" . . . .	89 15
Bacon . . . . .	2,808 $\frac{1}{4}$	" . . . .	336 95
Baking powder and soda	315	" . . . .	91 75
Barley . . . . .	520	" . . . .	11 03
Beans, dried . . . . .	49 $\frac{1}{2}$	bushels . . . .	100 66
Beef, chucks . . . . .	141,218 $\frac{1}{2}$	pounds . . . .	9,985 74
Beef, corned . . . . .	89,922	" . . . .	6,367 60
Beef, dried . . . . .	407	" . . . .	69 67
Beef, roast . . . . .	46,235	" . . . .	5,388 25
Beef, steaks . . . . .	47,980	" . . . .	7,296 23
Bread . . . . .	74	" . . . .	3 70
Buckwheat . . . . .	1,875	" . . . .	46 59
Butter . . . . .	41,765	" . . . .	11,283 02
Cheese . . . . .	1,887 $\frac{1}{2}$	" . . . .	221 85
Chicken . . . . .	13,531 $\frac{3}{4}$	" . . . .	1,988 59
Chocolate and cocoa . .	90	" . . . .	34 32
Cider . . . . .	284	gallons . . . .	34 06
Citron . . . . .	80	pounds . . . .	9 20
Coffee, green . . . . .	19,660	" . . . .	2,178 46
Coffee, roasted . . . . .	30	" . . . .	11 80
Corn, canned . . . . .	282	dozen . . . .	219 15
Cornmeal . . . . .	1,300	pounds . . . .	17 50
Cracker dust . . . . .	450	" . . . .	17 64
Crackers . . . . .	2,005 $\frac{1}{2}$	" . . . .	101 62
Currants . . . . .	195	" . . . .	25 20
Eggs . . . . .	11,663	dozen . . . .	2,060 13
Fancy cakes . . . . .	159 $\frac{1}{2}$	pounds . . . .	21 70
Farina . . . . .	16	" . . . .	12 85
Fish . . . . .			1,382 17
<i>Amount carried forward . . . . .</i>			<i>\$49,779 13</i>



<i>Amount brought forward</i>		\$49,779	13
Flour	1,909 barrels	6,591	75
Gelatine	21 gross	391	47
Gherkins and chowchow,	13 $\frac{1}{2}$ dozen quarts	62	80
Hams	88,573 $\frac{1}{2}$ pounds	10,478	97
Hominy	8 barrels	13	71
Ice	752 $\frac{1}{1000}$ tons	3,624	52
Ice cream		914	98
Kidneys	27 pounds	4	05
Lamb		1,859	55
Lard	10,025 pounds	798	11
Liver	876 "	115	14
Macaroni	425 "	32	32
Marketing, as follows:—			
Apples		\$712	35
Bananas		242	14
Berries		991	08
Cherries		206	45
Citron		130	60
Cranberries		104	05
Grapes		247	84
Lemons		183	95
Melons		228	96
Oranges		235	97
Peaches		406	05
Pears		138	65
Plums		123	44
Potatoes		3,300	06
Pumpkins		20	02
Sweet Potatoes		111	50
Vegetables, &c.		5,068	68
		12,451	79
Milk	206,649 quarts	9,998	49
Mince meat	1,986 pounds	189	95
Molasses	1,310 gallons	520	98
Mutton	4,535 pounds	543	00
Oatmeal and avena	48 barrels	173	45
Olive oil	18 dozen quarts	153	00
<i>Amount carried forward</i>		\$98,697	16

<i>Amount brought forward</i> . . . . .		\$98,697 16
Oysters and clams . . . . .		1,153 45
Peaches, canned . . . . . 530	dozen . . . . .	961 80
Peaches, dried . . . . . 500	pounds . . . . .	40 00
Pears, canned . . . . . 24	dozen . . . . .	60 00
Peas, canned . . . . . 150	" . . . . .	169 10
Peas, dried . . . . . 76 <sup>3</sup> / <sub>8</sub>	bushels . . . . .	95 29
Pickles . . . . . 14	barrels . . . . .	111 25
Pork . . . . . 9,301	pounds . . . . .	930 10
Preserves . . . . . 2,680	" . . . . .	381 80
Prunes . . . . . 4,100	" . . . . .	209 28
Raisins . . . . . 44	boxes . . . . .	74 95
Rennet . . . . . 30	dozen . . . . .	32 05
Rice . . . . . 3,650	pounds . . . . .	165 78
Salt . . . . . 74	sacks . . . . .	81 78
Sauce, Worcestershire . . . . . 3	dozen . . . . .	13 44
Sauer kraut . . . . . 7	barrels . . . . .	47 00
Sausage . . . . . 6,105	pounds . . . . .	730 56
Scrapple . . . . . 2,623 <sup>1</sup> / <sub>2</sub>	" . . . . .	157 41
Spices and dried herbs . . . . .		154 67
Starch, corn . . . . . 720	pounds . . . . .	31 65
Sugar, "B" . . . . . 56,756	" . . . . .	2,771 03
Sugar, granulated . . . . . 36,380	" . . . . .	1,976 29
Sugar, pulverized . . . . . 3,398	" . . . . .	190 58
Tapioca . . . . . 389	" . . . . .	26 47
Tea . . . . . 3,371	" . . . . .	1,028 19
Tomatoes, canned . . . . . 617 <sup>1</sup> / <sub>2</sub>	dozen gallons . . . . .	1,364 70
Tongues, beef . . . . . 27	" . . . . .	247 38
Tripe . . . . . 95	pounds . . . . .	5 70
Turkeys . . . . . 7,500	" . . . . .	1,044 37
Vanilla and other extracts, . . . . . 23	quarts . . . . .	46 25
Veal . . . . . 1,227	pounds . . . . .	159 42
Vinegar, cider . . . . . 755	gallons . . . . .	105 69
Vinegar, malt . . . . . 11	dozen quarts . . . . .	21 00
Yeast . . . . . 1,619	pounds . . . . .	485 70
Collation, Founder's Day, May 19th, 1900 . . . . .		2,300 00
Sundry subsistence . . . . .		385 32
Total . . . . .		<u>\$116,456 61</u>

The average number of boys maintained during the fiscal year 1900 was 1512, and the cost of their subsistence, as above, will show a *per capita* cost of \$77.02.

We have within and about the College grounds 1183 trees of various kinds, 850 of which are inside, and 333 outside the walls. During the past year we planted 20 new trees, and one was planted by the "Class of December, 1900."

The varieties are :

<i>Acer saccharinum</i> (silver maple) . . . . .	65
<i>Acer Saccharum</i> (sugar maple) . . . . .	35
<i>Acer platanoides</i> (Norway maple) . . . . .	190
<i>Acer Pseudo-Platanus</i> (sycamore maple) . . . . .	45
<i>Æsculus Hippocastanum</i> (horse chestnut) . . . . .	4
<i>Ailanthus Glandulosa</i> (tree of heaven) . . . . .	3
<i>Betula populifolia</i> (white birch) . . . . .	10
<i>Castanea dentata</i> (American chestnut) . . . . .	2
<i>Catalpa Catalpa</i> (catalpa tree) . . . . .	13
<i>Fagus Riversii</i> (blood-leafed beech) . . . . .	5
<i>Fagus sylvatica</i> (European beech) . . . . .	2
<i>Fagus sylvatica foliis atrorubentibus</i> (copper beech) . . . . .	2
<i>Fraxinus Americana</i> (white ash) . . . . .	18
<i>Fraxinus excelsior</i> (European ash) . . . . .	4
<i>Fraxinus Pennsylvanica</i> (red ash) . . . . .	2
<i>Gingko triloba</i> (maiden-hair tree) . . . . .	7
<i>Gleditsia triacanthos</i> (honey locust) . . . . .	6
<i>Gymnocladus dioica</i> (Kentucky coffee tree) . . . . .	3
<i>Koelreuteria paniculata</i> (varnish tree) . . . . .	1
<i>Liriodendron tulipifera</i> (tulip tree) . . . . .	16
<i>Liquidambar styraciflua</i> (sweet gum) . . . . .	1
<i>Maclura aurantiaca</i> (Osage orange) . . . . .	2
<i>Magnolia conspicua</i> (conspicuous-flowered magnolia) . . . . .	3
<i>Magnolia purpurea</i> (purple magnolia) . . . . .	1
<i>Morus alba</i> (white mulberry) . . . . .	2
<i>Paulownia imperialis</i> (empress tree) . . . . .	3
<i>Platanus occidentalis</i> (buttonwood) . . . . .	4
<i>Platanus orientalis</i> (plane sycamore) . . . . .	30
<i>Carried forward</i> . . . . .	479

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<i>Brought forward</i> . . . . .	479
<i>Populus deltoides</i> (cottonwood) . . . . .	533
<i>Quercus alba</i> (white oak) . . . . .	1
<i>Quercus palustris</i> (pin oak) . . . . .	5
<i>Quercus robur</i> (English oak) . . . . .	3
<i>Quercus rubra</i> (red oak) . . . . .	2
<i>Robinia viscosa</i> (clammy locust) . . . . .	1
<i>Salix Babylonica</i> (weeping willow) . . . . .	20
<i>Taxodium distichum</i> (bald cypress) . . . . .	8
<i>Tilia Americana</i> (bass-wood) . . . . .	3
<i>Tilia Europæa</i> (European linden) . . . . .	4
<i>Ulmus Americana</i> (American elm) . . . . .	23
<i>Ulmus fulva</i> (slippery elm) . . . . .	6
Various small trees . . . . .	95
Total . . . . .	<u>1,183</u>

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Very respectfully submitted,

FRANK O. ZESINGER,  
Steward.

GIRARD COLLEGE,  
PHILADELPHIA, PA., September 7th, 1900.

ADAM H. FETTEROLF, PH. D., LL. D.,  
*President Girard College, Philadelphia, Pa.*

SIR :—I have the honor to submit the following report in connection with the camp of the Girard College cadets :—

In accordance with the orders herewith enclosed the Battalion, consisting of six companies, band and field music, left the College at 7.45 A. M. July 6th, and marched to the Pennsylvania Railroad, Broad Street Station, halting at the statue of Stephen Girard, situated on the west side of City Hall, where a simple ceremony was gone through with by the corps of cadets of the College, after which they were embarked upon a special train. On arrival at depot at Island Heights the Battalion marched to the site where the former camps had been established. After the ceremony of raising the flag the cadets proceeded to dinner. The weather was intensely hot. The necessary camp and tent equipment was issued and the Battalion marched to the beach for a swim and bath, which were much appreciated, after the very fatiguing march to the camp in the hot sun and through more or less sand.

The camp guard was formed and sentinels posted, which important duty was performed in a thorough and satisfactory manner during the whole time of the encampment.

Drills were held in the morning, succeeded by the ceremony of guard mounting. The afternoon drills and parade were witnessed by many persons from the town of Island Heights and surrounding country. The improvement in drill was quite marked, and much credit should be given to the cadet officers for their desire to improve by study and practice. Owing to the intense heat drills were suspended on three different days.

A sail-boat with a capacity of about forty was employed and that number was taken a sailing trip morning and afternoon.

The discipline of the corps while in camp was remarkably good.

I wish to thank Camp Surgeon Witten Booth Russ for the prompt and thoughtful manner in which all patients were treated. The report of Surgeon Russ is herewith submitted.

The Quartermaster's and Subsistence Departments were under

the personal supervision of Mr. Frank O. Zesinger, Steward of the College. I cannot close this report without thanking him for the prompt and efficient manner in which the duties devolving upon him were performed, and I consider the success of the camp is due principally to his exertions and labor.

An itinerary of camp may not be out of place, so I will give a short synopsis :—

*July 6th.*—Left Philadelphia, Pa., 9.15 A. M. Arrived in camp 11.30 A. M. Weather excessively hot. Hon. Edwin S. Stuart and Mr. Frank M. Highley remained in camp until 6 P. M. During the night a severe thunder storm occurred ; a tree on the east side of camp but a few feet from one of the sentinels was struck by lightning.

*July 7th.*—Weather intensely hot. The day was consumed settling camp, issuing property, clothing, &c. Severe storm during evening. Lightning and thunder very severe.

*July 8th.*—Very warm. Divine service was held under the shade trees in front of the hospital. No work of military character required other than guard duty. Rained in the afternoon.

*July 9th.*—Weather good. Usual camp routine followed throughout.

*July 11th.*—Hon. Edwin S. Stuart and Mr. John H. Michener, members of the Board of Directors of City Trusts, visited the camp during the day and remained over night.

*July 12th.*—Usual camp routine followed. Heavy rain during the night. President Fetterolf, of the College, visited camp during the day.

*July 13th.*—Usual camp routine followed. Col. Henry T. Dechert, Commander Second Regiment, National Guard, visited camp during the day.

*July 14th.*—Mr. John M. Campbell, member of the Board of Directors of City Trusts, and Dr. William M. Angney, Assistant Surgeon Pennsylvania National Guard, visited camp and remained until Monday, 16th. Dr. John S. Boyd visited camp during the day.

*July 15th.*—Divine services in front of hospital. General Louis Wagner, President of the Board of Directors of City Trusts, arrived in camp at 6.30 P. M. Remained until Monday, 16th.

*July 16th.*—The following named visited camp during the day :

General Louis Wagner, President Board of Directors of City Trusts ; Hon. Edwin S. Stuart, Chairman Committee on Encampment ; Major William H. Lambert, Member Board of Directors of City Trusts ; John M. Campbell, Member Board of Directors of City Trusts ; George McCurdy, Member Board of Directors of City Trusts ; Hon. William N. Ashman, Judge of the Orphans' Court ; Hon. William B. Hanna, President Judge of the Orphans' Court ; George E. Kirkpatrick, Superintendent Girard Estate ; Frank M. Highley, Secretary Board of Directors of City Trusts ; President A. H. Fetterolf, Girard College. Battalion reviewed by them at 3 P. M. On account of the intense heat, afternoon drill and parade dispensed with.

*July 17th.*—Hottest day of the encampment. All military exercises except guard mounting and guard duty dispensed with.

*July 18th.*—Captain Thomas R. Adams, Fifth United States Artillery, A. D. C., to Major General Brooke, United States Army, arrived (having been designated by S. O. 162, Headquarters Department of the East, Governor's Island, New York), to inspect camp. Review, parade, and company inspection. He remained during the night, and finished inspection of camp during morning of the 19th.

*July 19th.*—During morning, camp routine followed. After dinner, commenced packing property preparatory for shipment to College the following day.

*July 20th.*—Hon. Edwin S. Stuart arrived during the morning to see encampment close. Broke camp 1.15 P. M. Left 2.30 P. M. for Philadelphia. Arrived at Broad Street Station 4.45. Marched up Broad Street to Girard Avenue, thence to College. Weather very hot and sultry.

It is very gratifying to report that the conduct of the whole corps of cadets was such that but few punishments were necessary, also that not a Cadet fell out of ranks, either going to Broad Street Station or from depot at Island Heights to camp, nor on returning from camp to depot at Island Heights or from Broad Street Station to College.

The encampment was very beneficial to the Corps of Cadets, who certainly took great interest in all their duties, learned much that they could not have learned except in a camp, and derived much pleasure from the two weeks' outing. On no day was there

two per cent. sick. The total number taken to camp was 481 cadets.

I desire to express my thanks to the members of the Committee on Encampment for their interest, encouragement, and suggestions, which had much to do toward making the encampment a success.

H. G. CAVENAUGH,  
*Major United States Army, Professor  
Military Science and Tactics.*



PHILADELPHIA, September 1st, 1900.

*Major H. G. Cavanaugh, U. S. A., Commandant :*

DEAR SIR :—I have the honor to submit the following report of the cases admitted to the hospital at Camp Stephen Girard from July 6th to July 20th, inclusive :—

	Admitted.	Returned to duty.	Remaining in hospital July 20th.
Acute indigestion . . . . .	21	18	3
Cholera morbus . . . . .	1	1	. .
Contusion . . . . .	3	3	. .
Dysentery . . . . .	2	. .	2 .
Headache . . . . .	4	4	. . .
Heat exhaustion . . . . .	9	9	. .
Tonsillitis . . . . .	1	1	. .
Thermic fever . . . . .	1	. .	1
Wounds . . . . .	3	3	. .
	<u>45</u>	<u>39</u>	<u>6</u>

Of the six cases remaining in the hospital on July 20th, only one was ill enough to be confined to bed.

During the entire two weeks' stay there were, notwithstanding the unusually hot weather, only two cases of very serious illness, and at no time were there more than two per cent. sick.

I believe the good health at the camp to be due very largely to the wise measures adopted by the commanding officer, by which the cadets were made in every way as comfortable as possible, and their duties made as light as possible during the hottest part of each day.

The wholesome and well-prepared food provided also deserves a large share of credit for the good health of the cadets, and also the exceptionally good sanitary condition of the camp.

Respectfully submitted,

(Signed) WITTEN BOOTH RUSS,  
*Camp Surgeon.*

GOVERNOR'S ISLAND, NEW YORK, July 28th, 1900.

*The Inspector General, United States Army, Washington, D. C.*

SIR :—I respectfully submit my report of an inspection of the encampment of the Girard College Cadets, at Island Heights, N. J., made in obedience to Special Orders No. 162, Headquarters, Department of the East, July 17th, 1900.

The camp is located within two hundred yards of the north shore of Barnegat Bay, and about six miles from the Shore Line Railroad (Pennsylvania Railroad), a short branch road running to within about a mile of the encampment. The location is an excellent one for an encampment, and seems to possess all that could be asked from a sanitary standpoint, the site being high and dry, and the facilities for bathing excellent. The water used in camp comes from driven wells, and was reported by the camp surgeon to be of excellent quality. The sinks and latrines were well located, being on the side of a slope from the site of the encampment toward the bay. These were carefully looked after, being disinfected and covered with fresh earth twice a day.

The camp was in charge of Major H. G. Cavanaugh, U. S. A., retired, and is organized and governed on a strictly military basis, as prescribed by regulations and orders. The total number of cadets now enrolled is four hundred and two, of whom three hundred and eighty-six were present at inspection, the absentees being properly accounted for. The ages of the cadets are from ten to eighteen years, the average being about fourteen years. The corps was uniformed in dark blue blouses, light blue trousers (of rather light texture), forage caps, and leggings. The camp was properly laid out, and the corps is organized into six companies and band, with a captain and two lieutenants for each company. The practical instruction embraced the drill of the battalion and company, and the customary ceremonies included in the infantry drill regulations. The company drills were commanded by cadet officers, under the supervision of the officer in charge, and were very creditable considering the opportunities and time devoted to this instruction.

The Springfield rifle, calibre 45, is the arm used, and the rifles were kept in fairly good condition.

Subsistence supplies for the cadets were received twice or three times a week from Philadelphia, and were of a most excellent quality. The cooks were trained and furnished by the College authorities, so that all meals were properly cooked and served. A building located near the encampment was rented and used as a hospital for cadets, which was in charge of a physician connected with the College. It is a two-story frame building, with dispensary, kitchen, and mess room on the first floor, the upper rooms (three) being used as wards.

There was little or no sickness, there being but five patients in the hospital, all of the cases being diarrhœa or dysentery.

In conclusion, I would state that the cadets seemed to take interest in their work, that the discipline was good, and that they appeared to be fairly well instructed in their drills and the various routine duties pertaining to the encampment.

Very respectfully,

(Signed) T. R. ADAMS,  
*Captain, Fifth Artillery, A. D. C.*

## CATALOGUE OF PUPILS

Whose Indentures were Canceled during the Year 1900, to enable them to accept positions.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Adair, James H.	Store Boy,	Samuel Heppard,	900 S. 2d St.
Adler, Max	Cutter,	N. Snellenburg & Co.,	12th & Market Sts.
Albrecht, John H.		To mother.	
Albright, Bernhard	Glassblower,	Harris Comer,	622 Locust St.
Allwine, John A.	Elevator Boy,	Strouse Bros.,	Harrisburg, Pa.
Amole, George	Farmer,	B. Frank Smith,	Hightstown, N. J.
Andrews, John L.	Store & Errand Boy,	Shoemaker & Busch,	602 Arch St.
Bardes, Andrew H.	Stenographer,	Evening Bulletin,	612 Chestnut St.
Barrett, Charles S.	Clerk,	Bank of N. America,	307 Chestnut St.
Battersby, Joseph T.	Clerk,	Universe Laundry,	2642 Kensington Ave.
Bayer, Ernest H.	Typewriter, &c.,	Amer. Metal Edge Box Co.,	64 N. 4th St.
Bea, Monroe H.	Clerk,	Gideon Sibley,	1214 Filbert St.
Behney, Harry	Clerk,	L. V. R. R. Co.,	228 S. 3d St.
Bell, Robert H.	Glass Worker,	Harris Comer,	622 Locust St.
Bente, Walter	Locksmith,	Miller Lock Co.,	4523 Tacony St., Fkd.
Biesecker, L. Maxwell		To mother.	
Binder, George L.	Printer,	Wm. J. Binder,	Pottstown, Pa.
Bingeman, Abraham		To stepbrother.	
Booth, George	Errand Boy,	Times Printing House,	725 Chestnut St.
Borzner, Philip W.	Farmer,	Jones Detwiler,	Narcissa, Pa.
Bossler, Dallas A.	Store Boy,	Gimbel Bros.,	9th & Market Sts.
Bossler, Jay Bender	Card Cutter,	Standard Index Card Co.,	20 S. 6th St.
Brenchied, Jacob	Apprentice,	Globe Teleph. Mfg. Co. Inc.,	625 Filbert St.
Brendle, William	Elevator Boy,	McCallum & McCallum,	1012 Chestnut St.
Briggs, Walter S.	[Typewriter,	To mother. [Works,	
Brinton, Sumner H.	Bookkeeper and	John M. Rogers, Boat, Gauge & Drill	Gloucester, N. J.
Brown, Charles J.	Clerk,	P. & R. Ry. Co.,	2663 Richmond St.
Brown, Frank H.		To sister.	
Brown, John	Store Boy,	Gimbel Bros.,	9th & Market Sts.
Brown, Warren E.	Factory Boy,	DuPont Chem. Co.,	Paulsboro, N. J.
Bye, Allen	Barber,	Clayton Keller,	Newtown, Pa.
Bye, Frank B.	Druggist,	Horace Cornell,	Newtown, Pa.
Ryers, Samuel	Office Boy,	N. Z. Graves & Co.,	3200 S. Broad St.
Casper, Henry E.	Broom Maker,	W. E. Schmick,	Hamburg, Pa.
Conner, Joseph S.	Store Boy,	Finley Acker & Co.,	123 N. 8th St.
Craig, Joseph H.	Clerk,	Bement, Miles & Co.,	21st & Callowhill Sts.
Crawford, Thomas W.	Office Boy,	Est. of Chas. Wheeler,	700 Girard Bldg.
Creegan, John G.		To mother.	
Cresswell, Albert		To mother.	
Crockett, Henry E.		To mother.	
Dadging, George	Clerk,	Thomas & Kipp,	269 S. 11th St.
Davis, Frank B.	Clerk,	Amer. Telephone & Tele. Co.,	406 Market St.
Deatch, Harry		[Grinder, To mother.	
Devlin, Bartholomew M.	Apprentice—Lens	Wall & Ochs,	1716 Chestnut St.
Dickinson, Percy T.	Clerk,	Merchants' Nat. Bank,	324 Chestnut St.

## INDENTURES CANCELED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Ditzler, Herbert N.	Cash Boy,	Strawbridge & Clothier,	8th & Market Sts.
Dorsey, Joseph S.	Coach Painter,	Robert Robinson,	2920 N. 22d St.
Dougherty, Joseph S.	Messenger,	Burnham, Williams & Co.,	500 N. Broad St.
Earl, Elmer E.	Machinist,	Bement, Miles & Co.,	21st & Callowhill Sts.
Earnest, James M.	Optician,	Wall & Ochs,	1716 Chestnut St.
Eisenhower, Leo R.		To mother.	
Elliott, George H.	Clerk,	Lesley & Trinkle,	22 S. 15th St.
Emery, Walter C.	Errand Boy,	Dr. Geo. I. McKelway,	114 S. 18th St.
Farrell, George M.		To mother.	
Feder, Frederick H.	Order & Errand Boy,	Whitall, Tatum & Co.,	410 Race St.
Fels, John G. F.		To mother.	
Fenner, Charles J.	Clk. & Stenographer,	George E. Wagner & Co.,	401 Walnut St.
Fetterolf, Samuel H.		To mother.	
Fetterolf, William D.	Machinist,	Burnham, Williams & Co.,	500 N. Broad St.
Fletcher, John A.	Draughtsman,	Bureau of Surveys,	City Hall.
Focht, Albert W.		To uncle.	
Francis, Burton L.	Salesman,	Charles Rentchler,	348 Penn St., Reading.
Friedrichs, Theo. H.	Baker,	William Sturma,	4020 Lancaster Ave.
Fuigle, Joseph S.	Machinist,	The Hartman Co.,	1235 N. Front St.
Garbrecht, William	Errand Boy,	Liveright, Greenewald & Co.,	1013 Market St.
Garretson, Cornelius D.	Stenographer,	Irish Bros.,	104 West End Trust Bldg.
Gaun, Charles	Printer,	Edward Stern & Co., Inc.,	112 N. 12th St.
Gehring, Andrew J.		To mother.	
George, Paul Z.	Student,	To mother.	
Gilliard, Adolph	Messenger,	Lawyers' Club,	1326 Walnut St.
Goodyear, John F.	Glassblower,	Harris Comer,	622 Locust St.
Gormley, William P.	Wagon Boy,	Adams Express Co.,	17th & Market Sts.
Greenhalgh, Edward		To sister.	
Hadesty, Linden K.		To mother.	
Harder, Frederick		To sister.	
Harvey, Rosher P.	Electrician,	John V. Parke & Co.,	728 Cherry St.
Heintzel, Edward T. R.		To mother.	
Helbling, Albert J.	Florist,	Henry A. Dreer, Inc.,	Riverton, N. J.
Herr, Floyd V.	Office Boy,	Chantrell Tool Co.,	Reading Pa.
Hildebrand, Wilmer F.		To mother.	
Hollis, Albert C.	Office & Errand Boy,	Shoemaker & Busch,	602 Arch St.
Holmes, Richard L.	Shop Boy,	Morris E. Leeds & Co.,	259 N. Broad St.
Homan, Frederick	Stenographer,	Canadian Pacific Ry.,	629 Chestnut St.
Hooper, Frederick F.	Office Boy,	William P. Freeborn,	138 S. 4th St.
Irvin, Ernst		To mother.	
Jefferies, Edmund L.		To mother.	
Jelly, Stephen		To mother.	
Jones, William E.	Driver,	Langfeld Bros.,	10 S. Main St, Wilkesbarre,
Jones, William J.		To mother.	Pa.
Joyce, Edward T.	Machinist,	William Sellers & Co.,	1600 Hamilton St.
Kahler, Henry	Chore Boy,	Mrs. M. S. Hendrickson,	Trenton, N. J.
Kennedy, John T.	Stenographer,	William Freihofer,	24th & Master Sts.
Keys, Fullerton McF.	Errand Boy,	Amer. Shoe & Leather Ass'n.,	404 Arch St.
Kirk, Charles C.	Store Boy,	Shoemaker and Busch,	602 Arch St.
Kraus, John J.	Store & Errand Boy,	Morgan Sweeney,	240 Spruce St.
Krider, David A.		To brother.	
Lau, Henry	Machinist,	Henry A. Noble,	203 Dock St.
Laushey, Edmund P.		To aunt.	
Lawrence, William H.		To friend.	
Laycock, Bertie	Wagon Boy,	Adams Express Co.,	17th & Market Sts.

## INDENTURES CANCELED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Leckie, George W.		To mother.	
Levering, George A.	Messenger,	Burnham, Williams & Co.,	500 N. Broad St.
Lewis, Andrew	Stenographer,	Showell & Fryer, Ltd.,	1321 Market St.
Lippincott, Charles W.	Errand Boy,	Times Printing House,	725 Chestnut St.
Lippincott, Harry A.	Glass Worker,	Harris Comer,	622 Locust St.
Little, George C.	Office & Errand Boy,	Chester Freight Line,	Pier 8, N. Wharves.
Long, William A.	Clerk,	Thackara Mfg. Co.,	1606 Chestnut St.
McCarter, Chas. H.	Shop Boy,	Morris E. Leeds & Co.,	259 N. Broad St.
McCloskey, Loomis R.	Drug Clerk,	T. C. Hilton & Co.,	Lock Haven, Pa.
McGill, Charles A.	Machinist,	Maryland Steel Co.,	Sparrow's Point, Md.
Maereen, Frederick,	Farmer,	John S. Culver,	Monmouth Jc., N. J.
Mayne, Thomas T.	Factory Hand,	Enterprise Mfg. Co.,	3d & Dauphin Sts.
Mead, Joseph E.	Store Boy,	Harry A. Flinn,	817 Race St.
Meehan, John		To mother.	
Metz, John P.	Store Boy,	Liveright, Greenewald & Co.,	1013 Market St.
Morgan, Leroy	Polisher,	Enterprise Mfg. Co.,	3d & Dauphin Sts.
Morris, William	Druggist, [Boy,	St. Cloud Pharmacy,	N. E. Cor. 7th & Arch Sts.
Moyer, Elvin R.	Factory & Errand	Chas. H. Wilson's Sons,	1633 Meadow St., Fkd.
Mulvihill, Michael	Baker,	Frank Burns,	118 N. 22d St.
Murry, Robert	Cash Boy.	Strawbridge & Clothier,	8th & Market Sts.
Neal, Roland		To mother.	
Nealey, Morris E.	Clerk and Shipper,	E. C. Penfield & Co.,	112 S. 8th St.
Norman, Albert L.	Factory Boy,	Enterprise Mfg. Co.,	3d & Dauphin Sts.
Oberholtzer, Oliver		To mother.	
Otterson, Albert	Errand Boy,	H. M. VanCourt & Co.,	404 Arch St.
Owen, Evan S.	Packer,	James Conaway & Co.,	442 N. 12th St.
Parchem, Albert J.	Sign Painter,	Adolph Parchem,	1327 S. 20th St.
Partridge, Joseph W.	Clerk,	E. J. Johnson & Co.,	38 Park Row, N. Y.
Patterson, Samuel R.	Office Boy,	Wm. F. Potts, Son & Co.,	1225 Market St.
Peck, William M.	Varnisher,	H. D. Justi & Co.,	32d & Spring Garden Sts.
Pelphs, Thomas T.		To mother.	
Pieper, Herman J.	Errand Boy.	Times Printing House,	725 Chestnut St.
Pilling, Harry	Office & Errand Boy,	Artman-Treichler Carpet Co.,	714 Market St.
Plate, George P.	Painter,	E. S. Bateman	Grenloch, N. J.
Platt, Reuben B.	Stenographer,	Weston Dodson & Co.,	210 Harrison Bldg.
Porter, George S.	Machinist,	Bonney Vise & Tool Works,	3015 Chestnut St.
Price, John B.		To sister.	
Pugh, Grover C.		To sister.	
Quinn, William J.	Farmer,	Bakeman Culver,	Monmouth Junc., N. J.
Ramsdale, Saml. E.	Errand Boy,	Dr. George I. McKelway,	114 S. 18th St.
Rauchenberger, John A.		To mother.	
Reiff, Earl J. S.		To mother.	
Rementer, Charles H.	Electrician,	George F. Payne & Co.,	1112 Sansom St.
Reuss, William	Florist,	Robert Craig & Son,	49th & Market Sts.
Reynolds, Carl H.	Saw Finisher.	Henry Disston & Sons, Inc.,	Tacony, Phila.
Roberts, Thomas	Farmer,	Amos A. Yerkes,	Davisville, Pa.
Rohlfing, Charles F.	Store & Errand Boy,	Whitall, Tatum & Co.,	410 Race St.
Rose, Charles T.		To grandmother,	
Saller, George E.	Iron Worker,	Wm. Cramp & Sons & I. Bldg. Co.,	Beach & Ball Sts.
Schmid, John V.	Store Boy,	Strawbridge & Clothier,	8th & Market Sts.
Schock, Howard J.	Clerk & Office Boy,	Williamson & Cassidy,	526 Market St.
Sechrist, Robert W.		To mother.	
Seifert, Charles O.		To mother.	
Setzler, Earl U.	Printer,	George B. Cole & Bro.,	1400 Hanson St.
Shaw, Robert	Farmer,	Mrs. Maria McNaughton,	New Wilmington, Pa.

## INDENTURES CANCELED.

<i>Name.</i>	<i>Occupation.</i>	<i>Employer.</i>	<i>Address.</i>
Shiffer, Horace R.	Clerk,	Church Standard Co.,	Franklin Building.
Shupp, Guy W.		To mother.	
Simmons, Albert R.		To mother.	
Simons, Frank L.	Errand Boy,	Keystone Type Foundry,	736 Sansom St.
Sippel, John S.	Scalesmaker,	Henry Troemner,	22d & Master Sts.
Sisco, Andrew F.	Office Boy,	Edison Electric Light Co.,	N. E. Cor. 10th & Sansom Sts.
Smith, Elmer H.	Press Hand,	The Griffon Co.,	Frankford, Phila.
Smith, William E.	Clerk,	Burnham, Williams & Co.,	500 N. Broad St.
Sponsler, Howard M.	Office Boy,	R. G. Chase Co.,	1430 S. Penn Square.
Steltz, Isaac A.	Factory Boy,	Diamond Glass Co.,	Royersford, Pa.
Stevenson, Samuel	Stock & Errand Boy,	Shoemaker & Busch,	602 Arch St.
Stitzer, Myron Z.		To mother.	
Stokley, Thomas H.	Meier Tester,	Penna. Mfg. Light & Power Co.,	N. E. Cor. 10th & Sansom Sts.
Stroud, Herbert L.	Clerk,	Western Electric Co.,	West & Bothans Sts., N. Y.
<b>Terry, Harry S.</b>	Clerk,	Universe Laundry,	2642 Kensington Ave.
Thackara, George I.		To brother.	
Thomas, Roger		To mother.	
Thompson, William L.	Moulder,	Mt. Carmel Iron Works,	Mt. Carmel, Pa.
Townsend, Charles H.		To brother.	
Townsend, John E.		To mother.	
<b>Undercoffler, C. H.</b>		To mother.	
<b>Webster, Samuel B.</b>	Mill Boy,	Edward T. Steel & Co.,	Bristol, Pa.
Werdermann, G. F. W.		To mother.	
Whitman, Thomas S.	Fitter,	Wm. Cramp & Sons S. & E. Bldg. Co.,	Beach & Ball Sts.
Williams, Elmer		To mother.	
Wilson, William T.	Pearl Carver,	Phila. Pearl Novelty Co.,	207 Quarry St.
Wright, Clarence G.	Glassblower,	W. H. Newborn & Co.,	Royersford, Pa.
Wrightson, Bertram J.		To mother.	
<b>Yarnall, William</b>	Wagon Boy,	American Ice Co.,	2 Fairmount Ave.
Yerkes, David U.	Bookbinder,	Times Printing House,	725 Chestnut St.
Voxheimer Lawrence		To mother.	

## CATALOGUE OF APPRENTICES,

DECEMBER 31st, 1900.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Occupation.</i>	<i>Master.</i>	<i>Residence.</i>
<b>Brill, Adam C.</b>	Feb. 5, 1880,	Farmer,	Clyde W. Seymour,	Atglen, Pa.
<b>*Kemble, Mark E.</b>	Aug. 24, 1885,	Farmer,	Lottie Paxson,	Atglen, Pa.
<b>Lanyon, Chas. E.</b>	Dec. 7, 1883,	Druggist,	Mortimer H. Bickley,	Chester, Pa.
<b>McCloskey, Geo.</b>	July 31, 1884,	Salesman,	J. George Weber,	1144 Tioga St.
<b>Newman, Chas. R.</b>	Nov. 19, 1882,	Druggist,	Mortimer H. Bickley,	Chester, Pa.
<b>Openshaw, Arthur</b>	Oct. 27, 1880,	Farmer,	Lottie Paxson,	Atglen, Pa.
<b>Peck, Charles D.</b>	Feb. 6, 1885,	Farmer,	Mrs. Juliett Peck,	Sylvania, Pa.
<b>Phillips, Wm. H.</b>	Oct. 8, 1882,	Farmer,	Hon. John W. King,	Hughesville, Pa.

\*Until eighteen years of age.



### STAR SCHOLARS FOR 1900.

Star Scholars are those pupils of the Fourth and Third Forms whose averages for recitations have been nine (9.00) or above for the year, on a scale from zero to ten (10.00.)

GRISSINGER, CHARLES R.	HELÉ, HERBERT E.
GRUNDELFINGER, GEORGE JOSEPH	LATHAM, CLAUDE HAROLD
HASBROUCK, JOSEPH HENRY	PLATE, EDGAR MARTIN
WILSON, WALTER THOMPSON	

### CLASSES OF HONOR.

The Third, or highest Class of Honor comprises all pupils of the Fourth and Third Forms whose conduct is represented by 9.60 or more, on a scale from zero to ten ; the Second, all whose conduct is marked from 9.30 to 9.60 ; and the First, all whose conduct is marked from 9.00 to 9.30 for the year.

### THIRD CLASS OF HONOR.

BECK, RAYMOND STEWART,	JELENIEWSKI, GEORGE
BLAKEMORE, ALFRED POTTS	KIENZLE, ROBERT SAMUEL
BRUCE, MATTHEW HARTLEY	LYSHON, WILLIAM JONES
CASPER, WILLIAM HENRY	MANION, MARTIN
CROOK, ROBERT ARTHUR	MILLER, GRANVILLE GUY
DALLAS, WILLIAM HALPIN	MOHR, JAMES
DANDO, ALBERT J.	MUNDORF, RABER
DOUGHERTY, WILLIAM	NEWCOMB, CLARENCE BERTHAUD
FITTING, WILLIAM HARRISON	SEITZINGER, FRANK LEISTER
GREEN, RUPP JAMES	SIMPSON, FREDERICK J.
GRISSINGER, CHARLES R.	SIMPSON, SAMUEL SMITH
HARTMAN, DANIEL WILFORD	SMITH, CHARLES EDWARD
HASBROUCK, JOSEPH HENRY	STARR, WILLIAM HARVEY
HAUGER, HARRY JOHN	STELL, JOHN JAMES
HELÉ, HERBERT E.	TAYLOR, HARRY CAMPBELL
HOUSER, BENJAMIN FRANKLIN	WILSON, WALTER THOMPSON

### SECOND CLASS OF HONOR.

BAGANS, ARTHUR LAWRENCE	CONNELLY, JAMES
BROWN, JOHN ALBERT	DENNY, ALEXANDER N.
BURGER, CHARLES HENRY	DOWD, THOMAS VINCENT
CASPER, RAYMOND ELIAS	ECKERT, ANTON
CHRIST, LESLIE CARLISLE	FUIGLE, CHARLES WILLIAM
CHRIST, WALTER LOUIS	GENTNER, LOUIS FREDERICK

GRUNDLIFINGER, GEORGE JOSEPH	PENNYPACKER, EARL MELTON
HENSZEY, ROY ORMONDE	PIERSOL, RICHARD JOHN
HILDENBRAND, BERTRAM WILLIAM	PRITCHARD, EVAN JONES
HILL, WARREN	RAPP, CARL AUGUST
HOLT, ESLEER BECK	RICHARDS, HENRY
HONYWILL, JOHN HENRY	SEIFERT, ERNEST JOHN
HULTZ, JESSE GROVER	SNYDER, STANLEY HERBERT
KIMPEL, FRANCIS NICHOLAS	SNYDER, WILLIAM ROSCOE
KIRK, CHARLES LEGRAND	SPINDLER, FRANK
LAMBORN, HOWARD FRANKLIN	STECKLINE, CHARLES EARL W.
LEISTER, JAMES MONROE	STEHLÉ, CHARLES LOUX
LEWIS, WILLIAM CALHOUN	WARNER, MEADE H.
LONG, CLARK SAMUEL	WILFORD, HARRY WILLIAM
McVAUGH, WILLIAM NORMAN	WILSON, ERNEST DAVID
O'NEILL, JOHN EDWARD	WITTMER, HOWARD LEWIS

## FIRST CLASS OF HONOR.

BLAMPHIN, ARTHUR MERRICK N.	HONGLER, WALTER WILLIAM
BOURQUARD, JOSEPH	HOPPER, HENRY CHARLES
BRADLEY, WILLIAM JAMES	HOWARD, LAMERTINE SMITH
BROCIUS, CLAYTON ABRAHAM	LAU, LOUIS
BURGER, ERNEST THEODORE	LEIBY, HERBERT ELWOOD
CADEN, RAY	MILLER, JOHN WARREN
CARSON, WILLIAM MORRISON	MOHR, PRESTON JACOB
CLARK, ANDREW JACKSON	MOLDENHAUER, CARL WILLIAM
CONDON, JAMES	MORLEY, EDWIN CLARK
CROOKS, JOSEPH WEAVER	NOLL, JOHN RAYMOND
DAVIS, ELLWOOD ALPHONSO	OWENS, HARRY THOMAS
DIEMAND, JOHN ANTHONY	RATHGEBER, AUGUSTUS DANIEL
DOERR, CHARLES EDGAR	REUSS, CHARLES
DOWNING, HARVEY APPLE	ROBINSON, JOHN DOLMAN
DOWNES, ERNEST VICTOR	SCHOENER, FLOYD RAMOND
DUNGAN, CLARENCE BROWNELL	SCOTT, ROBERT
FRANK, HARRY FRANKLIN	SHEEHAN, JOHN FRANCIS
FRYER, THEODORE BURROWS	SNEDDON, HOWARD BLAINE
GRASER, ALBERT NATHAN	TATEM, WILLIAM GEORGE
GROSSER, CONRAD JACOB AUGUST	TURNER, JAMES WINDOLPH
HELWIG, GEORGE ELWOOD	WEIR, CLARENCE HENRY
HERRMANN, GEORGE ELLIOTT	YOXHEIMER, CLYDE

## CATALOGUE OF PUPILS IN GIRARD COLLEGE,

JANUARY 31, 1901.

## FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
<b>Aaron, Charles Thomas</b>	Sept. 16, 1884	May 31, 1892	8.53	8.63
Arnold, Vanderbilt	Dec. 5, 1884	May 31, 1894	8.33	6.69
<b>Bagans, Charles Biddle</b>	May 31, 1885	Jan. 17, 1893	8.62	8.44
Beam, Walter Irvin	Aug. 5, 1885	Sept. 21, 1894	8.51	8.23
Bell, Thomas	July 16, 1887	July 22, 1893	6.80	7.11
Biesecker, Harry Orland	Oct. 21, 1883	June 1, 1893	8.45	8.16
Birney, John Taylor	Nov. 4, 1887	Jan. 16, 1894	5.69	2.39
Blamphin, Arthur Merrick N.	Aug. 13, 1883	May 31, 1893	8.78	9.20
Bothell, Charles Alonzo	June 3, 1885	June 20, 1893	8.51	3.21
Bourne, Wallace Charles	July 22, 1885	April 27, 1894	7.18	5.86
Bourquard, Joseph	June 2, 1884	Dec. 30, 1892	8.71	9.20
Bowes, Alphonsius	Aug. 29, 1885	June 21, 1894	7.64	8.37
Brandt, William Benjamin	April 22, 1886	May 31, 1894	7.22	5.38
Brewer, Roy Nordstrom	Sept. 6, 1884	April 27, 1894	7.61	7.99
Brown, John Albert	July 28, 1885	March 27, 1894	8.46	9.57
Bruce, Matthew Hartley	Feb. 26, 1883	Dec. 30, 1892	8.59	9.86
Burger, Charles Henry	Jan. 2, 1886	May 31, 1894	8.52	9.57
<b>Carson, Wm. Morrison</b>	April 20, 1884	June 1, 1893	8.51	9.24
Chapman, Rollin Eatherly	Jan. 14, 1887	April 27, 1894	8.71	7.59
Christ, Walter Louis	Feb. 7, 1885	June 20, 1893	8.43	9.50
Christman, Charles Newton	Jan. 14, 1887	Sept. 21, 1894	8.53	6.10
Clark, Andrew Jackson	May 2, 1886	Jan. 16, 1894	6.52	9.29
Clark, Henry	May 8, 1885	Jan. 9, 1893	8.54	6.28
Coleman, Joseph Alvin	July 26, 1886	April 27, 1894	7.16	6.60
Condron, James	Dec. 17, 1884	May 31, 1894	8.44	9.25
Condron, John	Oct. 16, 1886	May 31, 1894	7.49	6.08
Cook, Charles Gotlieb	March 7, 1886	April 5, 1894	5.90	7.32
Crook, Robert Arthur	Jan. 4, 1887	Oct. 9, 1894	6.72	9.71
<b>Dando, Albert J.</b>	Sept. 11, 1883	June 1, 1893	8.91	9.68
Diemand, John Anthony	Jan. 19, 1886	Sept. 21, 1894	8.75	9.04
Diven, Blake Gotwals	Feb. 20, 1884	June 1, 1893	8.50	8.62
Dixey, William Ropes	May 20, 1887	Sept. 21, 1895	7.04	6.39
Doerr, Charles Edgar	Aug. 13, 1884	Dec. 31, 1891	8.65	9.23
Doke, Albert Henry	Aug. 22, 1884	Dec. 29, 1893	8.35	8.99
Dougherty, Hervey Brooms	Sept. 21, 1884	Dec. 29, 1893	8.64	5.40
Dougherty, Hugh	Dec. 15, 1886	Jan. 13, 1893	7.22	5.23
Downs, Clarence Lavalette	Aug. 12, 1887	May 31, 1895	7.32	3.96
Duncan, Robert Gordon	June 18, 1884	Dec. 29, 1893	8.49	8.01
<b>Eyre, Charles</b>	Nov. 13, 1886	May 31, 1895	6.70	6.02
<b>Faber, Casper</b>	March 6, 1886	April 27, 1894	6.45	3.80
Falk, William Martin	Oct. 4, 1886	May 31, 1894	6.99	5.19
Ferguson, Thomas	Oct. 13, 1884	April 27, 1894	8.19	7.96
Finch, Ernest Van Lieu	Dec. 13, 1885	April 27, 1894	8.57	8.95
Foley, Francis Benedict	July 7, 1887	Sept. 21, 1894	6.81	4.39
Fredericks, Robert	Jan. 28, 1886	April 3, 1894	7.02	6.47
Frith, James Schofield	March 2, 1886	Dec. 28, 1894	6.14	4.60
Fryer, Theodore Burrows	April 11, 1884	Dec. 30, 1890	8.60	9.29

## FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Fuigle, Charles William	Aug. 18, 1886	April 27, 1894	8.76	9.53
Furey, Christian David	July 26, 1886	April 27, 1894	7.00	8.36
<b>Galbraith, Harry Rae</b>	June 22, 1885	June 1, 1893	8.62	7.37
Gaumer, Harvey Leon	July 22, 1887	Dec. 28, 1894	6.97	7.24
Gilbert, Harold Mitchell	May 1, 1888	Dec. 31, 1895	7.47	6.85
Graser, Albert Nathan	Nov. 6, 1885	April 27, 1894	8.51	9.14
Grieb, Edward Stewart	Aug. 6, 1884	Jan. 27, 1892	8.47	8.24
Grissinger, Charles R.	March 31, 1883	Jan. 15, 1891	9.10	9.78
Grundelfinger, George Joseph	March 22, 1884	May 31, 1893	9.08	9.44
<b>Haldeinan, S. Elsworth</b>	Oct. 3, 1885	June 1, 1893	7.89	7.42
Hamilton, Howard Gustave	April 4, 1885	May 31, 1894	8.63	7.44
Hamilton, James Morrow	March 3, 1886	May 31, 1892	6.57	6.55
Hanna, William J.	July 27, 1886	April 27, 1894	7.54	4.93
Harrison, Ross Cary	Aug. 28, 1884	Jan. 13, 1892	8.45	8.03
Hasbrouck, Joseph Henry	March 1, 1884	June 1, 1893	9.17	9.89
Hauger, Harry John	Feb. 1, 1885	Dec. 4, 1891	8.85	9.85
Helé, Herbert E.	July 22, 1883	May 31, 1893	9.09	9.86
Helwig, George Elwood	April 18, 1884	April 17, 1894	8.85	9.02
Holden, William Horrocks	Dec. 24, 1885	Jan. 16, 1894	7.27	7.03
Hollenberg, Frederick Henry	Dec. 25, 1885	Dec. 29, 1893	6.85	7.22
Hongler, Joseph August	Sept. 9, 1885	March 27, 1894	7.92	7.50
Hope, James Thomas	Aug. 25, 1884	May 31, 1894	8.32	8.82
Houser, Benjamin Franklin	Nov. 30, 1883	Dec. 31, 1891	8.48	9.75
Hower, John Cleaver	Feb. 19, 1884	May 30, 1890	8.68	8.86
Huntzinger, Charles Lewis	Oct. 11, 1886	April 30, 1894	7.37	8.00
<b>Jacobs, Frederick Ellis</b>	June 10, 1886	Jan. 21, 1895	6.77	7.56
Jeleniewski, George	Jan. 23, 1885	June 9, 1891	8.64	9.64
Jones, Evan	June 3, 1885	June 20, 1893	8.44	8.99
Jordan, Leo Atwood	May 27, 1885	April 27, 1894	8.25	8.27
Joyce, John Francis	Sept. 1, 1886	June 16, 1894	6.92	4.90
<b>Kane, William Reno</b>	Nov. 25, 1885	April 27, 1894	7.70	4.29
King, Emory Louis	June 5, 1886	May 31, 1894	6.73	4.89
King, Samuel Alexander	Feb. 13, 1886	Dec. 31, 1895	7.84	8.78
Kirk, Charles LeGrand	Aug. 9, 1883	May 31, 1892	8.92	9.50
<b>Lamborn, H. Franklin</b>	Feb. 10, 1885	March 27, 1894	8.43	9.58
Latham, Claude Harold	April 21, 1886	Dec. 28, 1894	9.06	8.32
Leiby, Herbert Elwood	Oct. 6, 1884	Dec. 29, 1893	8.84	9.22
Levitt, Daniel Thomas	April 1, 1885	April 27, 1894	7.13	6.94
Levy, Sydney Jacob	Oct. 19, 1886	Dec. 28, 1894	8.84	8.31
Long, William Howard	Feb. 8, 1886	May 31, 1894	6.44	6.72
Lush, John Charles	Oct. 8, 1885	May 31, 1895	8.58	7.93
<b>McCoy, Clarence Robert</b>	June 8, 1886	May 31, 1894	7.63	4.78
McGee, Francis Grover	Nov. 10, 1884	April 27, 1894	8.52	7.73
McGorvin, Raymond	Sept. 22, 1886	Dec. 31, 1895	7.15	4.85
<b>Matthews, Alfred P.</b>	Jan. 24, 1885	May 31, 1892	8.38	8.85
Matthews, Jesse Walter	Oct. 17, 1885	May 31, 1893	8.58	7.13
Mauger, George	Feb. 12, 1885	Dec. 28, 1894	8.67	8.73
Metz, Ellwood Augustus	May 22, 1884	April 27, 1894	8.72	8.29
Miller, Harry Elwood	June 10, 1885	June 13, 1893	8.49	7.19
Mogee, James Kirkpatrick	Aug. 12, 1885	May 31, 1895	7.34	4.90
Mogee, Walter John	Sept. 3, 1887	May 31, 1895	6.78	6.48
Mohr, James	Dec. 5, 1886	May 31, 1895	7.63	9.65
Mohr, Preston Jacob	Oct. 3, 1884	Sept. 21, 1894	7.02	9.14
Morley, George Washington	June 26, 1885	Sept. 21, 1894	7.59	8.78
Mundorf, Raber	Sept. 28, 1887	May 31, 1895	8.95	9.67

## FOURTH FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Myers, William Bedlington	Dec. 7, 1884	May 31, 1892	8.81	7.66
Nelms, George	Sept. 29, 1885	Jan. 2, 1894	8.59	7.99
Patterson, Robert John	Dec. 6, 1885	May 31, 1893	7.65	7.89
Payne, Harry Lincoln	Sept. 8, 1885	May 31, 1894	7.61	9.39
Pennypacker, Earl Melton	April 5, 1884	Dec. 30, 1890	8.48	9.57
Piersol, Richard John	Oct. 13, 1886	May 31, 1894	7.62	9.57
Plate, Edgar Martin	Nov. 18, 1886	Dec. 29, 1893	9.08	7.84
Pritchard, Evan Jones	Aug. 13, 1883	April 18, 1890	8.49	9.38
Ralston, Archibald	July 25, 1885	May 31, 1893	8.06	8.26
Rathgeber, Augustus Daniel	July 20, 1884	May 29, 1894	8.50	9.10
Reinhold, Francis Herman	Oct. 9, 1886	April 27, 1894	6.94	6.46
Riale, Walter Jacob	Sept. 23, 1884	March 27, 1894	8.44	7.99
Robinson, John Edwin	July 26, 1886	Dec. 31, 1895	7.97	5.53
Rooney, Henry Mitchell	Jan. 29, 1885	Jan. 14, 1893	8.35	7.44
Rosewarne, Albert	Jan. 19, 1886	June 22, 1894	7.62	6.13
Rowe, John Major	Sept. 16, 1884	April 27, 1894	8.61	8.41
Royer, Oliver Vincent	Feb. 7, 1886	July 24, 1893	7.20	7.06
Savage, Arthur E.	Feb. 19, 1885	May 31, 1892	8.56	7.13
Schaefer, Albert Leslie	March 4, 1884	Jan. 26, 1892	8.67	8.84
Scherer, Frederick	Feb. 28, 1884	Feb. 27, 1894	8.48	8.48
Schmidt, Philip	July 16, 1886	April 27, 1894	7.26	7.31
Schoener, Floyd Ramond	Dec. 8, 1885	June 20, 1893	8.74	9.19
Schopbach, Charles Henry	May 19, 1885	Dec. 28, 1894	8.60	8.78
Scott, William	Nov. 4, 1886	May 31, 1895	7.35	8.11
Shaw, Henry Austin	May 7, 1886	March 27, 1894	6.53	6.66
Sheehan, John Francis	Sept. 25, 1883	June 3, 1890	8.64	9.00
Sickel, George Benson	May 7, 1887	Dec. 28, 1894	8.10	8.50
Slough, Herbert Elmer	March 27, 1885	Dec. 30, 1892	8.66	6.34
Smith, Charles Edward	April 10, 1885	April 27, 1894	8.73	9.91
Smith, Earl	April 3, 1885	May 31, 1894	8.40	8.17
Smith, William Dallas	May 19, 1886	Jan. 5, 1893	7.71	6.53
Spindler, Frank	April 4, 1886	March 27, 1894	8.81	9.41
Stanton, Joseph Earl	Aug. 14, 1886	Dec. 30, 1892	8.01	8.01
Steckline, Chas. Earl Wash'n	June 27, 1886	Sept. 21, 1894	7.23	9.40
Stehlé, Charles Loux	Nov. 7, 1885	June 1, 1893	8.88	9.57
Stell, John James	Sept. 2, 1884	Dec. 29, 1893	8.70	9.79
Stockholm, Charles Goble	April 21, 1885	Dec. 30, 1892	8.66	6.57
Stolp, John Ambrose	March 14, 1884	Dec. 30, 1890	. .	. .
Tatem, William George	Nov. 23, 1886	May 31, 1894	7.90	9.17
Taylor, Harry Campbell	July 3, 1884	April 27, 1894	8.77	9.85
Thorn, William	July 29, 1886	May 31, 1895	7.45	8.21
Tillotson, George Painter	March 14, 1884	June 5, 1890	8.42	8.57
Trimble, James	Oct. 6, 1884	June 4, 1894	8.86	8.60
Tyson, Raymond Linford	May 23, 1885	Dec. 28, 1894	8.42	8.06
Warner, John Mifflin	June 24, 1886	June 24, 1895	7.10	8.21
Wentz, Frank Reuben	July 18, 1886	March 27, 1894	8.13	8.99
Werner, George Herman	July 11, 1886	Dec. 28, 1894	7.12	8.57
Wertley, Lewis Henry	Aug. 16, 1885	April 27, 1894	8.44	6.85
Williams, Charles Raymond	Sept. 21, 1884	Jan. 16, 1894	8.40	8.98
Williams, Pierce Cecil	July 26, 1885	June 9, 1893	8.63	8.41
Wilson, James	April 14, 1885	March 27, 1894	7.87	7.58
Wilson, Walter Thompson	April 29, 1885	April 27, 1894	9.21	9.89
Wittmer, Howard Lewis	Nov. 28, 1884	April 27, 1894	8.42	9.48
Ziegler, George Delbert	Feb. 3, 1885	Dec. 30, 1892	8.88	8.43
Ziegler, Theodore Frank	Dec. 30, 1886	June 18, 1894	6.72	7.29

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Allen, John Henry	Nov. 10, 1886	April 27, 1894	6.01	4.20
Altemus, William Holmes	June 18, 1887	Oct. 23, 1894	7.33	8.97
Amey, Herbert Raudenbush	May 10, 1887	Oct. 14, 1895	5.53	7.92
Amole, William	Aug. 20, 1888	May 29, 1896	7.81	8.49
Apple, George Lewis	Dec. 19, 1888	Jan. 11, 1895	8.17	7.42
Archer, Thomas Bertram	Dec. 7, 1888	Sept. 18, 1896	6.73	5.86
Backus, George Wrigley	July 8, 1887	May 31, 1895	7.92	4.75
Bagans, Arthur Lawrence	March 10, 1887	May 31, 1894	7.33	9.57
Bair, Harry Miller	June 4, 1888	Dec. 31, 1895	5.90	7.71
Bale, William Cook	Jan. 16, 1885	Dec. 28, 1894	6.79	8.19
Barkoff, Charles	Dec. 12, 1886	Sept. 21, 1894	4.98	8.66
Barnes, Clifford	Sept. 17, 1887	May 29, 1896	6.79	7.64
Barrett, Raymond	Feb. 18, 1886	Sept. 21, 1894	6.13	6.76
Battersby, Edward	June 3, 1888	Sept. 6, 1897	7.62	8.50
Baumann, Louis	Nov. 1, 1886	Dec. 31, 1895	7.42	8.47
Beach, Harry Merrel	May 11, 1888	May 29, 1896	8.42	8.72
Beck, Lear Casper	March 16, 1889	Sept. 7, 1897	8.13	7.93
Beck, Raymond Stewart	Oct. 13, 1887	Sept. 7, 1897	8.89	9.63
Bell, Henry Ziegler	April 26, 1886	April 25, 1894	6.26	5.37
Benditt, Joseph	Sept. 3, 1886	April 27, 1894	7.05	4.93
Benner, William Trumbauer	April 13, 1886	May 31, 1894	7.12	4.49
Bennett, Howard	Jan. 10, 1888	June 8, 1895	6.92	8.57
Bennett, Samuel B.	Dec. 23, 1885	May 31, 1894	6.53	6.42
Bernius, Gustave Adolph	April 20, 1886	Jan. 4, 1894	6.81	6.76
Bierstein, Edward	Aug. 19, 1887	Dec. 28, 1894	7.61	5.69
Binder, Burdan Merrill	Nov. 19, 1887	Sept. 18, 1896	6.54	7.69
Blakeley, Thomas	March 17, 1886	Jan. 16, 1894	6.94	5.81
Blakemore, Alfred Potts	Dec. 15, 1888	Sept. 7, 1897	8.41	9.87
Boyer, Walter Charles	Feb. 9, 1888	Sept. 6, 1897	6.50	6.59
Braddock, Thomas	July 17, 1886	April 27, 1894	6.88	7.15
Bradley, William James	March 2, 1887	Dec. 31, 1895	7.08	9.07
Breich, George Philip	Feb. 19, 1888	May 29, 1896	7.02	7.53
Brink, Harrison Morton	Dec. 19, 1888	June 1, 1898	6.75	6.76
Britton, Edwin Horace	May 14, 1888	Dec. 30, 1896	6.97	8.14
Brocius, Clayton Abraham	June 20, 1887	Dec. 28, 1894	6.73	9.03
Brooks, George Washington	Aug. 5, 1887	Dec. 31, 1894	6.13	3.26
Brown, Frank Joseph	March 15, 1887	May 31, 1894	7.67	8.19
Brown, Paul Boyd	July 2, 1888	Jan. 17, 1896	8.01	8.02
Brunner, Harry P. H.	March 29, 1888	Sept. 6, 1897	7.50	8.34
Bryan, James L.	Dec. 17, 1885	June 20, 1893	6.40	5.79
Bryant, Benjamin Franklin	Nov. 18, 1887	May 31, 1895	7.44	5.25
Burger, Ernest Theodore	July 23, 1887	May 31, 1895	5.87	9.13
Bush, Harry	Dec. 1, 1889	June 1, 1898	7.99	8.14
Caden, Ray	March 14, 1889	Sept. 7, 1897	6.27	9.28
Carle, Charles Dayton	June 8, 1889	Sept. 7, 1897	8.37	7.33
Carle, Louis Frederick	Feb. 2, 1887	Dec. 28, 1894	7.50	8.97
Carlisle, Francis	June 3, 1889	Sept. 6, 1897	7.62	8.40
Casper, Raymond Elias	Nov. 4, 1887	May 31, 1895	7.04	9.44
Casper, William Henry	Jan. 9, 1886	May 31, 1894	7.81	9.74
Cassel, Benjamin Harrison	Dec. 8, 1888	Dec. 31, 1897	6.90	8.42
Cassett, George Arthur	Sept. 29, 1887	May 31, 1895	6.86	8.05

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Chabot, Joseph Farquhar	April 4, 1886	Jan. 16, 1894	7.49	6.50
Chadwick, George Roland	Nov. 27, 1887	Feb. 19, 1895	6.93	7.83
Christ, Leslie Carlisle	Aug. 9, 1887	May 29, 1896	6.92	9.57
Christian, Morton Thurston	Oct. 11, 1888	Sept. 7, 1897	7.57	8.08
Clarenbach, Albert August	June 25, 1889	Sept. 6, 1897	7.55	8.90
Clark, Henry	March 5, 1888	May 31, 1895	7.00	7.83
Clark, John Hugh	July 19, 1886	March 27, 1894	7.23	7.77
Clark, William Abner	Feb. 28, 1889	Sept. 7, 1897	7.11	3.85
Clark, William John	July 27, 1887	Dec. 30, 1896	7.91	8.84
Clarke, James Wilson	Sept. 18, 1886	Dec. 31, 1895	6.42	6.02
Clerval, Francis	Jan. 6, 1886	Sept. 20, 1895	6.36	6.71
Coburn, Charles Edward	March 1, 1886	May 31, 1892	5.92	6.01
Collins, John Peasnal	March 2, 1887	May 31, 1894	7.02	7.06
Connelly, James	Feb. 22, 1887	May 31, 1895	7.87	9.57
Cook, Nelson	Nov. 7, 1888	Feb. 11, 1897	7.31	7.87
Coulter, Crawford Thomas	Jan. 18, 1886	Dec. 28, 1894	6.24	4.69
Craig, Lewis Victor	Aug. 12, 1886	May 31, 1895	6.51	8.88
Crawford, Charles Monroe	Aug. 27, 1889	Sept. 7, 1897	7.15	8.96
Crawford, John Leroy	May 21, 1887	Dec. 30, 1896	8.06	8.18
Crooks, Benjamin Edward	Jan. 14, 1886	Dec. 29, 1893	5.78	5.55
Crooks, Joseph Weaver	April 21, 1888	Sept. 7, 1897	8.56	9.27
Crossley, Ellwood Matlack	May 20, 1886	March 27, 1894	6.22	5.09
Crytser, Charles Abram	Oct. 25, 1886	April 27, 1894	7.27	5.79
Curlett, Joseph Henry	Dec. 2, 1885	Dec. 30, 1892	6.80	6.31
<b>Dale, Warren Howard</b>	Oct. 12, 1887	May 31, 1895	7.21	7.11
Dallas, William Halpin	Aug. 19, 1889	June 1, 1898	7.89	9.60
Davidson, Wm. George	May 19, 1886	April 13, 1894	7.80	7.59
Davis, Ellwood Alphonso	Aug. 20, 1887	June 7, 1895	7.94	9.24
Davis, William Whitley	Dec. 29, 1885	May 31, 1894	6.67	7.69
Davison, John Thomas	Dec. 1, 1887	May 31, 1895	7.67	8.79
Deeney, George Callahan	May 8, 1887	May 29, 1896	7.50	7.34
Deery, Charles Elmer	March 11, 1887	May 29, 1896	7.15	6.86
Deery, Clarence Hibbert	Dec. 22, 1887	Dec. 30, 1896	5.81	8.60
Denny, Alexander N.	Sept. 1, 1886	Jan. 10, 1895	6.91	9.30
Derrickson, Albert Ernest	April 28, 1888	Dec. 31, 1895	6.94	8.00
Dessalet, James Robinson	March 7, 1889	Sept. 6, 1897	7.26	5.76
Dessalet, William Bouvier	Sept. 21, 1887	Sept. 18, 1896	7.25	6.39
Devine, Walter Joseph	May 14, 1887	May 29, 1896	6.35	6.87
Devlin, George Alfred	Nov. 7, 1887	Dec. 28, 1894	5.80	6.67
Doke, Robert William	Oct. 17, 1886	Dec. 29, 1893	7.24	7.94
Doster, August Frederick	Sept. 12, 1887	Dec. 28, 1894	7.07	6.14
Dougherty, Charles	July 13, 1886	May 31, 1893	6.34	5.20
Dougherty, Stephen	July 13, 1886	May 31, 1893	5.88	5.34
Dougherty, William	Sept. 8, 1887	May 29, 1896	7.22	9.77
Dowd, Thomas Vincent	Feb. 8, 1888	Jan. 17, 1896	7.31	9.49
Dowdell, Samuel Gilbert	Jan. 16, 1887	Dec. 30, 1896	7.20	5.59
Downing, Harvey Apple	June 24, 1887	Sept. 18, 1896	7.27	9.25
Downs, Ernest Victor	July 17, 1885	May 31, 1895	7.34	9.08
Drelich, Samuel	Sept. 20, 1888	Jan. 14, 1896	6.51	7.51
Drummond, William Daniel	Jan. 17, 1888	Sept. 20, 1895	6.52	8.59
Dungan, Clarence Brownell	Feb. 1, 1886	April 4, 1894	7.94	9.16
Dunstan, George Ernest	July 22, 1888	June 1, 1898	7.43	7.63
Dutton, George Franklin	July 4, 1887	Oct. 22, 1894	6.58	6.31
<b>Ealer, William Leston</b>	June 9, 1885	Dec. 29, 1893	6.34	5.08

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 159

THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Earnest, Geo. Edw. Graffly	Jan. 22, 1889	Sept. 6, 1897	7.17	6.49
Eckert, Anton	Oct. 26, 1887	Dec. 31, 1895	6.80	9.41
Endriss, Wm. John Henry	Aug. 28, 1886	March 27, 1894	7.15	7.10
Enz, Charles Gottlieb	July 28, 1888	May 29, 1896	7.62	7.95
Evans, Herbert Leroy	Aug. 24, 1886	April 27, 1894	6.45	5.09
Evans, William	Nov. 14, 1886	Sept. 21, 1894	6.59	7.60
Evans, Yorath Dean	July 8, 1886	May 29, 1896	6.16	4.17
Ewing, Leroy Sinclair	Nov. 18, 1889	June 1, 1898	6.53	8.17
<b>Fagan, Lear</b>	May 18, 1886	March 27, 1894	6.95	5.50
Fenstermacher, Albert K.	Jan. 15, 1888	May 31, 1895	7.26	8.89
Fetterolf, Ralph	Oct. 31, 1887	May 31, 1895	6.71	5.57
Fisher, Chester Oscar	July 5, 1888	June 1, 1898	8.51	8.71
Fitting, Samuel Eugene	Aug. 15, 1886	May 31, 1895	6.20	8.96
Fitting, William Harrison	Dec. 12, 1887	May 31, 1895	7.18	9.81
Flanagan, Daniel Henry	Sept. 1, 1888	Dec. 31, 1897	7.11	6.93
Fleck, Charles Seward	Sept. 17, 1887	Sept. 7, 1897	6.86	7.87
Foley, John Patrick	Sept. 11, 1885	May 31, 1895	7.11	6.06
Foltz, Chester Abraham	Feb. 20, 1887	May 31, 1894	6.03	6.19
Forbes, Frank	May 2, 1886	Dec. 28, 1894	6.54	8.06
Foster, Sylvester Jeremiah	Dec. 10, 1886	May 31, 1895	6.15	8.15
Frank, Harry Franklin	Sept. 18, 1887	Sept. 6, 1897	7.00	9.17
Free, Frank Harrison	Aug. 7, 1888	Dec. 31, 1897	7.87	8.22
Frey, Edward Samuel	May 1, 1888	Sept. 7, 1897	7.13	6.80
Friedrichs, William Julius	July 23, 1886	May 31, 1895	6.41	7.47
Fritz, Theodore	Feb. 26, 1887	Dec. 28, 1894	6.63	6.65
Frye, Albert Levi	Dec. 21, 1885	Dec. 28, 1894	5.96	7.99
<b>Gallagher, David Hewes</b>	Oct. 24, 1887	Sept. 6, 1897	8.03	8.17
Gehring, Walter Raimond	Jan. 3, 1888	May 31, 1895	7.09	8.65
Gekler, George Groll	Feb. 27, 1885	Dec. 28, 1894	6.13	5.50
Gentner, Louis Frederick	July 22, 1887	May 31, 1895	6.98	9.38
Getz, Charles Louis	March 18, 1886	May 31, 1894	6.64	4.31
Gibson, William Singlerly	June 21, 1887	May 31, 1895	6.88	6.97
Goodrich, Charles Richard	May 3, 1887	Sept. 27, 1895	7.88	7.52
Gordon, William	March 23, 1887	Sept. 18, 1896	7.22	7.91
Goudge, John Charles	June 30, 1888	Sept. 7, 1897	7.00	7.62
Green, Rupp James	April 17, 1886	May 4, 1894	7.15	9.69
Griffin, James Robert	July 8, 1887	May 31, 1895	6.82	6.42
Griffiths, Thomas Hurst	June 8, 1886	Jan. 29, 1895	7.18	8.22
Grosser, Conrad Jacob Aug.	June 6, 1888	Sept. 7, 1897	7.95	9.28
Gundry, William Harold	July 14, 1887	Sept. 18, 1896	7.14	8.43
<b>Haenger, William Davis</b>	March 16, 1889	June 1, 1898	6.35	7.39
Hager, Frederick Charles	Feb. 10, 1886	Jan. 28, 1895	6.27	7.42
Hahn, Frank	Aug. 19, 1887	Dec. 30, 1896	7.10	8.77
Haldeman, Edward	March 1, 1888	Sept. 20, 1895	7.26	8.45
Hall, John Clarence	Oct. 20, 1887	May 29, 1896	6.49	7.64
Hall, John Robert	Jan. 31, 1886	May 31, 1894	6.29	4.97
Haney, Walter Lewis	Feb. 8, 1887	May 29, 1896	7.78	7.37
Happ, John Hamilton	June 23, 1886	March 27, 1894	7.21	7.88
Hardie, Augustus Brunner	Jan. 16, 1886	May 31, 1895	7.35	7.04
Hart, Edward	Feb. 3, 1886	Dec. 31, 1895	6.51	7.89
Hart, Ellwood Beaver	Jan. 22, 1888	Sept. 7, 1897	8.46	8.79
Hartman, Daniel Wilford	March 31, 1888	Dec. 31, 1897	8.05	9.95
Harvey, Francis Alexander	Sept. 2, 1887	Jan. 12, 1895	6.64	3.09
Hatz, Albert	Feb. 8, 1886	June 20, 1893	6.49	95.3



## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Hebrew, James Raymond	May 22, 1886	May 31, 1895	6.62	8.83
Heman, Guy Ernest	Dec. 25, 1885	June 20, 1893	7.00	7.77
Henning, Raymond	Jan. 1, 1889	Sept. 6, 1897	7.00	8.24
Henning, William Hugh	Feb. 26, 1885	Feb. 9, 1895	5.54	5.84
Henry, Edward James	July 27, 1887	Sept. 21, 1894	7.03	7.09
Henry, Franklin Claude	May 29, 1888	Dec. 31, 1895	7.02	8.79
Henry, Harry Harper	June 1, 1886	Dec. 31, 1895	7.44	8.42
Henszey, Roy Ormonde	May 20, 1887	Dec. 28, 1894	7.63	9.35
Herrmann, George Elliott	Oct. 31, 1886	April 27, 1894	6.72	9.09
Hess, Frank Minnich	Oct. 7, 1886	May 29, 1896	6.77	7.60
Hicks, Edward Stuart	June 2, 1888	Dec. 31, 1895	8.07	7.39
Hildenbrand, Bertram Wm.	Nov. 21, 1887	Dec. 28, 1894	7.10	9.45
<b>Hill, Warren</b>	June 2, 1888	Dec. 31, 1895	8.19	9.48
Hoffecker, Charles Rowland	May 2, 1887	May 31, 1895	7.05	5.78
Holt, Esler Beck	May 5, 1887	Dec. 28, 1894	7.45	9.80
Hongler, Walter William	Sept. 1, 1888	June 1, 1898	8.74	9.02
Honywill, John Henry	Jan. 7, 1888	May 31, 1895	7.54	9.42
Hopper, Henry Charles	Dec. 12, 1886	June 6, 1894	8.01	9.13
Hormann, Lynn Weiss	Sept. 6, 1887	Dec. 28, 1894	6.89	8.56
Howard, Lamertine Smith	March 13, 1887	Dec. 30, 1896	7.28	9.25
Hultz, Jesse Grover	Aug. 4, 1887	May 29, 1896	6.75	9.45
Hunter, Samuel	April 23, 1888	Sept. 20, 1895	6.69	6.99
<b>Jacobs, George Henry</b>	April 24, 1888	May 29, 1896	6.74	8.08
Jacoby, Raymond Weiss	July 10, 1889	Dec. 31, 1897	7.33	8.35
Johnson, Francis Trout	Feb. 29, 1888	May 29, 1896	7.33	7.88
Jones, Harry Samuel	May 6, 1886	April 27, 1894	6.84	7.91
Jones, James Beaver	Dec. 8, 1886	May 31, 1893	6.71	7.00
Jordan, William	May 25, 1887	Dec. 28, 1894	7.92	7.15
Joyce, Samuel Joseph	March 27, 1886	May 31, 1895	6.76	7.77
<b>Kelly, Robert Creighton</b>	Sept. 26, 1888	Oct. 11, 1894	7.29	6.77
Kienzle, Robert Samuel	June 12, 1887	Dec. 30, 1896	6.70	9.66
Kimes, John Warren	March 22, 1888	May 31, 1895	7.28	7.12
Kimpel, Francis Nicholas	Aug. 22, 1886	Dec. 31, 1895	7.31	9.59
King, Harry Edward	June 5, 1886	May 31, 1894	6.65	5.07
Kingston, William Paul	Oct. 21, 1888	Dec. 30, 1896	7.81	5.97
Kittel, Frederick	Jan. 21, 1887	May 29, 1896	7.49	7.62
Kline, Milton Benjamin	Feb. 14, 1887	Sept. 21, 1894	6.92	8.16
Kloes, Harry Benjamin	Jan. 9, 1887	May 31, 1894	4.46	4.04
Knowles, Henry Rutherford	June 9, 1886	March 27, 1894	6.40	7.34
Knox, Elmer Ellsworth	Oct. 16, 1887	Dec. 28, 1894	7.36	8.32
Krauss, Joseph Monroe	Sept. 5, 1887	Feb. 2, 1895	7.36	8.35
Krauss, Walter Raymond	April 5, 1889	Sept. 20, 1895	6.64	6.96
Kreitzer, William Clausen	Sept. 16, 1888	Jan. 6, 1898	8.67	2.11
<b>Lambert, Wm. James</b>	Jan. 2, 1886	June 20, 1893	6.90	7.90
Larkin, Wilfred Carlisle	Oct. 8, 1886	April 27, 1894	7.29	3.24
Laros, Paul Elwood	Feb. 1, 1889	June 1, 1898	7.96	6.78
Latham, Emil Irving	Oct. 28, 1888	Sept. 7, 1897	7.03	7.90
Lau, Louis	Feb. 12, 1887	May 31, 1894	6.92	9.09
Leister, James Monroe	May 4, 1886	May 1, 1894	6.38	9.49
Levitt, George Anderson	Sept. 15, 1888	Dec. 30, 1896	6.47	7.50
Levitt, Howard William	Sept. 8, 1886	April 27, 1894	6.68	6.03
Lewis, Albert Morris	Nov. 22, 1887	Dec. 31, 1895	7.14	6.46
Lewis, Dora	Sept. 15, 1888	Sept. 18, 1896	7.83	7.76
Lewis, John Coin	May 29, 1886	March 27, 1894	7.07	8.15
Lewis, William Calhoun	Sept. 11, 1886	Dec. 28, 1894	6.86	9.34

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 161

THIRD FORM.

<i>Name</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Lingman, Henry	Dec. 9, 1887	May 29, 1896	6.57	5.51
Lingo, William Williams	Jan. 30, 1886	May 31, 1895	6.56	5.54
Loges, Edwin [Theodore]	Sept. 23, 1886	Sept. 20, 1895	6.45	7.80
Long, Clark Samuel	Sept. 28, 1887	Dec. 31, 1895	7.87	9.33
Love, Robert	Aug. 14, 1886	Dec. 28, 1894	7.87	8.60
Lyshon, William Jones	Dec. 30, 1887	June 1, 1896	7.40	9.85
McCann, Joseph Thomas	March 13, 1887	Jan. 17, 1896	6.86	8.82
McCarter, Matthew L.	Dec. 26, 1886	Sept. 20, 1895	6.29	8.66
McClain, Thomas Wiggins	April 19, 1889	June 1, 1898	7.80	8.19
McCloskey, John	April 23, 1887	May 31, 1893	7.14	6.82
McCully, Charles Thomas	July 20, 1886	Dec. 31, 1895	6.61	6.89
McGurn, Edward R.	April 4, 1887	Oct. 13, 1894	6.94	7.50
McKane, William Paul	June 16, 1887	Jan. 7, 1896	7.32	7.02
McMonigle, Samuel	June 2, 1887	May 29, 1896	7.01	8.51
McVaugh, William Norman	Nov. 30, 1886	Dec. 28, 1894	6.94	9.37
Maguire, Walter	June 30, 1889	Sept. 6, 1897	7.83	6.02
Manion, Martin	Jan. 23, 1887	May 29, 1896	7.29	9.84
Manlove, Earl Griffith	Jan. 16, 1887	Dec. 30, 1896	7.41	7.10
Marlin, Norman Howard	Nov. 1, 1888	June 17, 1896	7.54	7.38
Marshall, William Stirk	Jan. 29, 1888	Dec. 30, 1896	6.26	8.04
Martin, Leon George	Feb. 2, 1887	May 29, 1896	7.26	8.31
Mayne, Walter Gilbert	July 4, 1888	Sept. 6, 1897	7.38	8.50
Meadowcroft, Harold	July 1, 1885	Feb. 14, 1895	6.60	7.59
Meadowcroft, William John	Sept. 16, 1885	Feb. 5, 1895	6.70	8.55
Mecredy, Robert Charles	Feb. 12, 1887	Dec. 29, 1893	5.55	6.03
Meenan, David B.	Feb. 9, 1887	May 31, 1894	6.38	6.10
Merrifield, Lewis Biehl	June 2, 1888	June 1, 1898	7.63	6.80
Metz, Arthur Lincoln	Aug. 7, 1886	April 27, 1894	6.97	6.12
Miller, Granville Guy	July 1, 1887	June 25, 1897	7.67	9.61
Miller, Harman Harry	Dec. 14, 1886	Sept. 24, 1895	6.14	7.02
Miller, John Warren	July 10, 1886	May 29, 1896	7.06	9.16
Miller, Paul	May 1, 1888	Sept. 20, 1895	6.77	8.86
Mitchell, Joseph Henry	Oct. 15, 1886	April 27, 1894	6.78	7.66
Mitchell, Maurice McClellan	April 24, 1887	Sept. 21, 1894	7.21	7.26
Moldenhauer, Carl William	June 16, 1887	July 2, 1895	6.63	9.06
Montgomery, Jno. Thompson	April 18, 1885	Dec. 28, 1894	6.79	5.74
Morgan, Leonard	Sept. 2, 1886	April 27, 1894	6.85	5.18
Morley, Edwin Clark	March 31, 1887	Sept. 21, 1894	7.23	9.10
Müller, John	April 28, 1886	May 31, 1895	6.64	7.13
Mulvihill, Bernard	July 8, 1886	May 31, 1893	7.16	8.50
Mundorf, William R.	Sept. 25, 1889	Dec. 31, 1897	6.90	7.85
Munter, Louis	March 18, 1888	June 24, 1895	5.39	6.08
Nattress, Milton Gordon	April 2, 1887	Sept. 21, 1894	6.55	8.75
Neel, Amos Joseph	June 19, 1885	May 31, 1895	6.60	7.28
Newcomb, Clarence Berthaud	Jan. 23, 1889	Sept. 7, 1897	7.04	9.60
Newton, Arthur Griffith	Aug. 15, 1886	April 27, 1894	7.29	6.92
Noll, John Raymond	Feb. 1, 1888	Dec. 31, 1897	6.07	9.10
Norman, Harry Elmer	July 17, 1886	Dec. 31, 1895	7.87	8.86
O'Horo, Russel M.	Oct. 17, 1888	Jan. 20, 1898	6.48	8.53
Oliver, Alfred	Oct. 12, 1886	April 27, 1894	6.50	8.53
O'Neill, John Edward	Dec. 16, 1885	April 3, 1894	6.87	9.51
Orr, Alfred Joseph	March 21, 1888	Dec. 30, 1896	5.09	8.90
Osborn, Gillis Reed	Jan. 17, 1886	Dec. 31, 1895	7.14	8.92
Osterman, Arvon Elmer	Sept. 19, 1886	Sept. 20, 1895	6.42	6.14

## THIRD FORM.

<i>Name</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Owens, Harry Thomas	March 11, 1888	Jan. 14, 1896	7.25	9.21
Palm, Harry Charles	Oct. 8, 1886	May 31, 1894	6.37	5.50
Parchem, William	Dec. 5, 1886	April 27, 1894	7.21	6.59
Parkinson, John Graham	Oct. 4, 1886	April 27, 1894	6.00	5.35
Patterson, Harold Lindsay	July 16, 1889	Dec. 30, 1898	7.38	6.76
Pattison, Joseph Robert	Jan. 4, 1888	May 29, 1896	7.21	5.35
Paulhamus, Holden Taylor	March 7, 1888	Sept. 7, 1897	7.12	8.56
Person, William Sassman	Jan. 14, 1889	June 8, 1898	7.60	7.40
Phillips, George Samuel	July 4, 1886	June 4, 1896	6.20	6.94
Phillips, Thomas	Oct. 4, 1887	Sept. 18, 1896	6.71	2.65
Picton, Raymond	Sept. 12, 1886	May 29, 1896	5.95	6.13
Pierce, James Harvey	Sept. 26, 1887	May 29, 1896	7.84	7.71
Piffer, Wallace Wade	Feb. 23, 1886	May 31, 1894	6.87	8.04
Piggott, Albert Thomas	July 18, 1888	Jan. 19, 1898	6.49	8.59
Pilling, William	July 14, 1886	April 27, 1894	6.43	8.08
Pomerantz, Harry	June 29, 1889	June 12, 1896	7.99	7.80
Pringle, Oscar Lee	July 30, 1887	Sept. 21, 1894	6.53	8.46
Pritchard, Timothy L.	Jan. 28, 1887	May 31, 1894	6.24	6.92
Pyfer, William Oliver	Dec. 17, 1887	June 25, 1895	6.83	8.74
Ralsner, Herman Kurtz	July 31, 1889	Dec. 31, 1897	7.81	8.17
Rallé, Charles	March 8, 1887	May 31, 1893	6.10	5.94
Ralston, Andrew	March 19, 1886	Dec. 28, 1894	7.31	6.67
Ralston, Arthur	April 4, 1889	May 31, 1895	8.02	7.61
Ralston, John	Dec. 9, 1886	Dec. 28, 1894	6.46	8.63
Rapp, Carl August	Jan. 28, 1887	Sept. 21, 1894	7.19	9.39
Redington, Edgar Harrison	Sept. 27, 1887	Dec. 28, 1894	7.74	7.30
Rees, Clarence Ellwood	Aug. 26, 1888	May 29, 1896	7.41	7.66
Rees, Thomas Milton	July 13, 1886	May 29, 1896	7.40	7.62
Reilly, Joseph	Jan. 20, 1887	May 31, 1895	6.92	7.54
Reilly, Leo	April 27, 1887	June 2, 1896	6.65	8.56
Rementer, Walter Wesley	June 8, 1886	April 20, 1894	7.46	6.98
Retallick, Harry	July 17, 1885	Feb. 5, 1895	7.21	5.53
Reuss, Charles	Oct. 11, 1887	Dec. 28, 1894	7.78	9.03
Rhodes, Elvy Elmer	Jan. 9, 1886	Sept. 21, 1894	7.33	7.48
Richards, Henry	Aug. 26, 1886	May 29, 1896	7.25	9.44
Richardson, George Webb	Aug. 11, 1888	Dec. 30, 1896	6.13	7.05
Richelson, Paul Gottlob	Dec. 4, 1887	Jan. 11, 1897	6.90	5.97
Rieder, John Otto	April 23, 1887	Dec. 31, 1895	6.81	8.91
Riter, Walter Scott	Sept. 2, 1886	Dec. 31, 1895	6.30	6.61
Robertson, Andrew T.	July 10, 1888	June 1, 1898	6.71	5.84
Robinson, John Dolman	Nov. 26, 1887	May 31, 1895	7.79	9.25
Rohlfing, Henry Lewis	Nov. 26, 1887	Dec. 28, 1894	7.70	3.29
Rolling, Charles William	Jan. 25, 1889	Dec. 30, 1896	7.09	7.63
Royal, Harry Webster	Feb. 7, 1887	Sept. 21, 1894	7.61	7.15
Russell, John Elliott	July 18, 1886	May 31, 1894	6.83	8.50
<b>Sanborn, John</b>	Nov. 12, 1888	Sept. 6, 1897	7.12	8.22
Sands, John Cleveland	June 7, 1887	Sept. 20, 1895	6.71	5.23
Sattler, William Charles	Jan. 4, 1886	March 27, 1894	6.27	8.16
Schairer, Ludwig Henry	April 27, 1889	Sept. 7, 1897	8.38	8.06
Scheufele, Wilbur Sherman	June 27, 1886	May 31, 1893	6.11	7.77
Schleider, Ferdin'd Alphonse	Oct. 12, 1888	May 29, 1896	7.19	7.87
Schmid, William Lewis	Nov. 19, 1886	June 15, 1894	7.32	6.11
Schwartz, William Theodore	Jan. 23, 1887	April 27, 1894	7.60	6.37
Schwenk, Ernest Leon	April 3, 1888	Sept. 24, 1895	5.89	4.63

## THIRD FORM.

<i>Name</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Scott, Richard	April 11, 1886	May 31, 1894	6.85	6.90
Scott, Robert	Nov. 2, 1887	Jan. 17, 1896	6.54	9.06
Seal, Lewis William	April 17, 1887	Sept. 21, 1894	7.62	5.80
Sechrist, Harry Roy	July 30, 1886	April 27, 1894	7.98	7.26
Seifert, Ernest John	July 31, 1887	Dec. 31, 1895	6.43	9.36
Seipel, Charles Favinger	May 24, 1887	Nov. 1, 1894	5.41	6.96
Seitzinger, Frank Leister	April 10, 1887	May 31, 1894	7.63	9.63
Shannon, Alvin Walker	June 11, 1886	May 31, 1895	6.81	6.88
Shaw, Clarence William	Dec. 24, 1886	Sept. 20, 1895	7.27	7.28
Sheetz, John Williar	Oct. 29, 1888	Sept. 30, 1898	8.19	6.79
Shields, John	July 3, 1888	Sept. 28, 1896	6.47	8.71
Shives, William James	May 3, 1888	May 29, 1896	8.05	8.20
Sigel, Charles	March 29, 1889	Sept. 6, 1897	7.78	8.85
Silber, Albert George	Oct. 15, 1886	May 29, 1896	6.39	7.61
Silladay, Samuel Snell	Oct. 29, 1886	June 24, 1895	7.07	6.77
Simmons, Layton Thomas	April 7, 1887	Sept. 21, 1894	7.19	5.83
Simms, William Henry	Dec. 13, 1886	Dec. 29, 1893	8.24	7.94
Simons, Frank Waker	April 29, 1886	Jan. 16, 1894	6.08	8.48
Simpson, Frederick J.	Aug. 23, 1884	April 27, 1894	8.66	9.98
Simpson, Samuel Smith	March 9, 1887	Sept. 21, 1894	6.62	9.72
Siple, Ambrose Kerwin	Aug. Sept. 19, 1886	June 24, 1896	6.76	8.23
Skilton, Colton Davison	Oct. 23, 1887	Dec. 28, 1894	7.64	8.99
Slifer, Clarence	Nov. 28, 1886	June 15, 1896	6.70	6.88
Sloyer, Daniel Irvin	March 4, 1887	Sept. 18, 1896	6.74	7.36
Smith, Charles Crandol	Oct. 1, 1886	April 27, 1894	6.16	6.78
Smith, Charles Risdon	Sept. 11, 1887	Sept. 6, 1897	8.19	7.45
Smith, Howard Allen	Aug. 20, 1886	May 31, 1894	7.25	5.00
Smith, Jesse	Dec. 28, 1885	June 20, 1893	5.53	2.05
Smith, Ronald Reid	July 1, 1888	Sept. 6, 1897	6.73	5.22
Smith, Ross Hammond	Feb. 4, 1886	May 31, 1894	5.99	6.63
Smith Waldo	July 19, 1886	May 31, 1894	7.04	7.71
Smith, Walter Allen	Jan. 29, 1887	May 31, 1894	6.24	6.23
Smith, William	Jan. 14, 1888	May 31, 1895	7.60	8.18
Sneddon, Howard Blaine	July 13, 1886	May 31, 1895	6.75	9.26
Snyder, Charles Michael	May 1, 1888	Sept. 20, 1895	7.12	7.16
Snyder, Stanley Herbert	Dec. 15, 1888	Dec. 30, 1896	6.99	9.49
Snyder, William Roscoe	June 19, 1887	Dec. 31, 1895	7.45	9.50
Sontgen, Frederick	Jan. 22, 1888	May 31, 1895	7.83	8.37
Southern, Warren Peter	March 14, 1885	March 12, 1895	6.79	6.02
Southern, William Earle	Sept. 17, 1886	Oct. 5, 1894	6.64	0.00
Spahr, Elmer Joseph	Oct. 20, 1886	May 29, 1896	6.34	8.14
Sprowles, George Ebert	Dec. 21, 1886	Dec. 28, 1894	7.23	8.23
Starr, John Hiram	Aug. 26, 1889	Sept. 7, 1897	6.79	7.73
Starr, Joseph Walsh	Feb. 28, 1888	Sept. 6, 1897	6.53	7.32
Starr, William Harvey	March 23, 1887	Jan. 14, 1896	7.83	9.63
States, James Lester	Feb. 16, 1889	Dec. 30, 1896	7.43	8.49
Stecklein, Theodore Otto	Feb. 19, 1886	April 27, 1894	6.32	7.46
Stehlé, Sheridan Valentine	Feb. 14, 1888	May 31, 1895	7.21	8.60
Stoffet, Elmer Jacob	Nov. 18, 1887	Jan. 7, 1896	6.91	5.42
Stone, Elijah	Aug. 8, 1886	Dec. 31, 1895	7.03	5.98
Stranaghan, James Lowry	Aug. 6, 1885	Dec. 28, 1894	6.53	7.08
Stratton, Comly Hampton	Dec. 6, 1886	May 31, 1894	7.10	8.75
Stubblebine, Raym'nd Francis	Aug. 17, 1886	Sept. 21, 1894	7.51	7.89
Styers, James William	Nov. 22, 1885	May 31, 1895	6.85	7.27

## THIRD FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Sullivan, John Dennis	Feb. 22, 1886	Dec. 30, 1892	6.62	7.62
<b>Taylor, Thomas</b>	Aug. 8, 1886	April 27, 1894	5.87	6.00
Teets, John Alfred	Aug. 17, 1888	Jan. 11, 1898	8.29	7.15
Terry, Walter Herbert	May 7, 1888	Dec. 31, 1895	6.69	8.32
Thompson, Gerald	April 7, 1889	Sept. 16, 1897	7.73	7.94
Thornton, James	Jan. 28, 1887	May 31, 1895	7.17	5.83
Thress, John	Oct. 8, 1886	May 31, 1895	6.45	8.49
Tice, Irvin	May 18, 1886	Dec. 31, 1895	7.31	6.08
Todd, Charles Eugene	Oct. 15, 1887	May 29, 1896	7.15	8.54
Tourish, John	Jan. 1, 1886	Dec. 31, 1895	6.54	8.93
Trankle, Frederick William	Aug. 25, 1887	June 15, 1896	6.41	8.42
Troutman, Harvey Andrew	July 3, 1888	Dec. 30, 1896	7.33	8.97
Trumbauer, Oswin	May 13, 1888	May 29, 1896	7.08	5.72
Turner, James Windolph	April 15, 1888	Sept. 6, 1897	7.87	9.00
Tyson, Lawrence Norman	Jan. 7, 1888	May 31, 1895	6.33	5.58
<b>Vanderhylan, Oscar Wm.</b>	Jan. 27, 1887	Jan. 12, 1895	7.52	7.19
<b>Wagner, John Robert</b>	Dec. 6, 1889	Sept. 6, 1897	8.16	6.28
Wahl, Walter Howard	July 8, 1886	May 29, 1896	6.72	4.30
Wahler, Charles Joseph	April 20, 1886	June 24, 1895	6.91	7.52
Waide, James Adams	Oct. 3, 1887	Jan. 14, 1895	7.88	8.36
Walgran, Charles Oscar	Oct. 10, 1888	June 1, 1898	7.99	8.14
Wanner, Samuel	March 14, 1886	Sept. 20, 1895	7.31	7.69
Warner, Meade H.	Aug. 18, 1886	Sept. 21, 1894	6.93	9.32
Wear, Leslie Mitchell Snyder	Dec. 11, 1886	April 27, 1894	7.31	8.09
Weber, Oliver Mantz	Dec. 2, 1888	Dec. 30, 1896	8.55	8.18
Weiler, William Dominick	Aug. 6, 1885	May 31, 1895	6.95	7.45
Weir, Clarence Henry	Sept. 4, 1887	Sept. 1, 1897	7.11	9.28
Weiss, Benjamin Harrison	June 17, 1888	Sept. 7, 1897	6.82	7.34
Wells, Charles Albert	Aug. 1, 1887	July 27, 1897	7.80	8.34
Wenner, Harry Aaron	Feb. 25, 1886	April 27, 1894	6.79	5.34
Wenrick, Edward Rankin	Dec. 17, 1888	June 1, 1898	7.66	8.84
Wettergreen, Blake John	June 9, 1888	Sept. 7, 1897	8.03	7.37
Weyman, William	Dec. 23, 1885	April 27, 1894	6.28	5.45
Whiteley, George W. W.	March 21, 1886	Jan. 17, 1896	7.35	4.85
Wilford, Harry William	April 29, 1886	Jan. 14, 1896	7.70	9.46
Williams, Benjamin	April 23, 1886	March 27, 1894	7.16	6.85
Wilmer, William Fulmer	Oct. 9, 1888	Sept. 18, 1896	7.50	6.06
Wilson, Ernest David	July 30, 1887	Sept. 21, 1894	6.99	9.30
Winslow, Ellery McDonald	Oct. 28, 1886	May 29, 1896	7.06	8.04
Winter, Joseph Earl	July 27, 1888	May 29, 1896	6.71	4.47
Wirth, Charles	March 22, 1886	Jan. 16, 1894	6.53	7.62
Witherington, John Henry	Aug. 24, 1888	May 29, 1896	7.29	8.56
Wolstenholme, Edward	Jan. 14, 1889	Sept. 6, 1897	7.86	7.38
Wood, Lawrence Vitty	July 10, 1888	June 17, 1898	6.63	7.60
Woods, Harry	July 13, 1887	Sept. 18, 1896	7.86	6.87
Woods, James	Aug. 18, 1887	Dec. 28, 1894	7.11	5.33
Wootten, John Mansfield	May 23, 1887	May 31, 1895	6.21	7.89
Wunderlich, Chas. Franklin	Dec. 1, 1889	Dec. 31, 1897	6.98	7.82
Wunderlich, Robert Orlando	Dec. 21, 1887	May 31, 1895	6.90	4.88
Wyde, William	June 1, 1888	Sept. 20, 1895	7.05	6.57
<b>Yates, James</b>	Aug. 7, 1886	May 31, 1894	6.86	7.22
Yeager, Lloyd Preston	July 5, 1886	Sept. 21, 1894	7.31	7.60
Yeager, Milton Clyde	May 19, 1888	May 29, 1896	6.26	7.57
Yoxheimer, Clyde	May 6, 1886	April 27, 1894	6.96	9.23
<b>Zeller, Jay Hay Brown</b>	April 29, 1888	Sept. 6, 1897	8.39	6.71

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Acker, Earle Swavely	Oct. 4, 1889	Dec. 31, 1897	8.22	8.63
Adair, Joseph Theodore	May 5, 1887	Dec. 30, 1896	6.67	9.19
Adams, Abraham	July 24, 1890	Sept. 26, 1899	7.32	9.62
Allen, Nathan E. Herdman	Feb. 2, 1889	Dec. 31, 1897	8.42	9.06
Anderson, Francis Earl	Sept. 5, 1887	May 31, 1895	6.35	7.11
Armstrong, Frank	Nov. 23, 1888	Jan. 14, 1898	7.02	8.29
Auner, Ed. Cadwaller	March 10, 1890	Sept. 6, 1897	8.68	7.85
Bagnell, James	June 5, 1889	June 1, 1898	8.00	7.83
Bair, Jay Eaby	Feb. 26, 1886	Sept. 26, 1895	6.31	9.82
Bald, Ellwood Christian	Jan. 18, 1889	June 1, 1898	7.88	8.10
Baldwin, George Frame	June 10, 1886	March 27, 1894	6.91	8.39
Barford, Harry	Sept. 27, 1890	Sept. 30, 1898	7.98	9.35
Beals, Frank Heverly	Nov. 20, 1889	Dec. 31, 1897	5.97	8.44
Beatty, Joseph	May 11, 1890	Sept. 6, 1897	7.44	6.80
Beck, Charles Arthur	Sept. 17, 1889	Sept. 7, 1897	6.25	7.77
Becker, Clarence Sydney	July 25, 1888	June 1, 1898	5.55	4.44
Beeby, Vernon Strickland	April 12, 1888	Dec. 31, 1897	7.91	9.16
Benditt, Frederick	May 24, 1889	Sept. 6, 1897	6.93	7.82
Benditt, Ludwig	Dec. 17, 1890	June 16, 1899	9.22	7.51
Bernius, Henry George	March 9, 1889	Dec. 30, 1896	7.79	8.55
Binder, Ray Vincent	April 14, 1890	Dec. 30, 1898	7.68	5.49
Bitner, Clair Irwin	Oct. 24, 1889	May 31, 1899	8.41	9.02
Bitterlich, Harry Francis	Dec. 31, 1888	Sept. 6, 1897	6.23	8.70
Blair, Charles Harrison	Nov. 2, 1888	Dec. 30, 1896	7.59	8.09
Blakely, John Ellis	April 22, 1891	Dec. 30, 1898	8.23	8.22
Blakemore, Francis Wm.	Sept. 20, 1887	Sept. 18, 1896	5.73	7.92
Bleuit, George Washington	Aug. 20, 1888	May 29, 1896	7.69	7.25
Blumrick, Geo. W. M.	March 5, 1890	Dec. 30, 1898	9.20	9.87
Bolden, Charles Shields	March 27, 1888	Sept. 18, 1896	6.18	6.99
Bolz, John	June 4, 1891	May 31, 1899	7.76	9.22
Bowen, Harry Addison	Feb. 15, 1887	May 31, 1895	6.24	7.46
Bowen, James Joseph	May 10, 1889	June 1, 1898	8.01	8.97
Bowen, John Stuart	May 26, 1890	June 1, 1898	8.42	7.74
Bowman, Earl	Feb. 11, 1890	Dec. 30, 1898	7.81	7.73
Boyd, William Gordon	Feb. 10, 1890	Sept. 18, 1896	8.48	9.03
Brady, Charles William	June 5, 1889	Jan. 6, 1899	8.50	9.59
Brandt, Burwood	Dec. 24, 1886	Sept. 30, 1895	6.27	8.65
Brandt, William Frank	July 19, 1888	Dec. 30, 1896	6.27	8.39
Bredbenner, Herbert F.	Aug. 27, 1889	Dec. 30, 1898	8.73	8.85
Brewer, Charles Milton	Sept. 17, 1890	Sept. 26, 1899	7.64	8.21
Brinton, Leonard	Sept. 8, 1888	Sept. 6, 1897	6.18	5.95
Brown, George Coryell	March 30, 1888	Dec. 31, 1895	6.40	7.07
Brown, George Edward	March 12, 1890	June 1, 1898	6.74	7.97
Brown, Herbert A. S.	Jan. 6, 1889	Dec. 30, 1896	6.94	7.83
Brown, William Ray	Aug. 18, 1887	Aug. 13, 1897	5.99	6.97
Bruce, George Washington	May 25, 1889	Dec. 31, 1897	7.25	7.11
Bruce, Robert Moorhead	Oct. 13, 1889	Dec. 30, 1898	7.24	8.59
Bubeck, John Frederick	March 2, 1888	Sept. 7, 1897	7.30	8.60
Bunting, Matthew	Oct. 28, 1890	May 31, 1899	8.95	9.45
Byers, Robert	Nov. 4, 1888	June 1, 1898	6.40	9.40
Cain, William	March 5, 1890	June 15, 1896	7.73	9.58

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Cannan, John	Jan. 22, 1887	May 29, 1896	6.48	5.72
Carre, Edward Daniel	Sept. 24, 1888	Sept. 6, 1897	6.61	9.24
Casatt, Frank Elston	Sept. 30, 1889	June 1, 1898	7.36	9.40
Cassel, Cresson	March 10, 1887	Dec. 31, 1895	7.21	7.03
Cathers, William Dennis	Dec. 23, 1886	Sept. 24, 1895	6.86	8.93
Chambers, Frederick	Dec. 7, 1888	Sept. 6, 1897	7.04	8.81
Clark, Edmund Lord	May 31, 1890	Sept. 30, 1898	7.11	9.57
Clemmer, Herbert Lincoln	July 18, 1886	April 27, 1894	5.80	6.75
Coley, Thomas Levi	Nov. 12, 1889	May 31, 1899	7.19	9.05
Collins, James Francis	Oct. 4, 1889	Dec. 31, 1897	6.59	8.94
Collins, Wm. Thomas	June 16, 1887	Dec. 30, 1896	7.46	8.77
Commo, Claude	July 23, 1886	May 31, 1894	4.71	8.83
Connelly, William	Jan. 25, 1889	Dec. 30, 1896	7.34	8.57
Connors, Peter John	March 25, 1891	May 31, 1899	8.94	9.35
Cooper, Benjamin Harrison	Nov. 1, 1888	May 29, 1896	7.06	9.33
Cope, Reuben Oscar	Jan. 30, 1890	Dec. 30, 1898	7.61	7.94
Craig, Robert Hall	June 26, 1891	May 31, 1899	8.45	8.19
Crawford, Elwood Reed	June 30, 1891	June 6, 1899	8.42	9.64
Cresswell, Alexander Baird	Dec. 23, 1888	Sept. 7, 1897	7.59	9.55
Crocker, Francis Paulding	July 10, 1890	Sept. 26, 1899	8.34	8.85
Cummings, Robert Campbell	June 21, 1887	Sept. 21, 1894	6.37	6.66
Cunningham, Conrad C.	July 31, 1891	Dec. 29, 1899	7.95	9.54
Curtin, Bernhard	July 22, 1888	May 29, 1896	7.27	7.71
<b>Dalsey, Elmer</b>	Nov. 25, 1888	Dec. 31, 1897	8.05	8.81
Dale, James Byron	June 1, 1889	May 31, 1899	8.48	8.89
Daley, Henry Thomas	Aug. 2, 1888	Dec. 31, 1897	7.50	8.01
Davidson, Benjamin	July 4, 1888	Dec. 30, 1896	6.80	5.03
Davis, Albert	May 2, 1889	Dec. 30, 1898	7.71	8.91
Davis, Leonard Reyburn	March 22, 1889	May 31, 1895	6.15	5.69
Deatch, Alexander	June 8, 1889	Sept. 7, 1897	6.71	8.80
DeFreitas, Thomas Harold	Nov. 25, 1886	Sept. 20, 1895	6.73	6.63
Dewell, Albert Nathaniel	Aug. 28, 1887	Sept. 18, 1896	6.96	7.76
Dietz, Francis Raymond	Oct. 20, 1889	Sept. 26, 1899	7.94	8.56
Ditzler, Clarence Ellwood	July 11, 1887	May 31, 1895	7.86	4.62
Doberstein, Felix William	July 25, 1888	June 1, 1898	6.33	8.69
Doberstein, Frank Joseph	May 2, 1890	June 1, 1898	7.49	7.43
Donaghy, Wm. Alexander	Jan. 30, 1889	Sept. 6, 1897	6.55	7.85
Donnelly, James	June 10, 1889	May 29, 1896	7.23	8.73
Doogan, Thomas Patrick	July 3, 1886	May 29, 1896	7.47	8.42
Dougherty, John	Aug. 8, 1890	June 1, 1898	7.24	8.41
Drummond, James Johnson	Jan. 16, 1889	Sept. 7, 1897	6.44	6.25
Dubree, John Bisbing	Aug. 8, 1888	Dec. 31, 1897	6.57	7.61
Dullenkopf, Alfred Charles	Sept. 28, 1888	Dec. 30, 1896	7.90	8.58
Dullenkopf, Charles Fred'k	May 7, 1890	Sept. 30, 1898	8.72	9.20
Dunk, Emanuel Marcelino	June 12, 1887	June 9, 1897	7.34	8.51
Dymond, Floyd	Aug. 30, 1891	Jan. 12, 1900	8.62	9.96
<b>Eachus, Homer</b>	July 20, 1890	June 1, 1898	6.17	7.69
Earl, Robert Edward	Nov. 19, 1890	May 31, 1899	8.39	7.88
Edwards, George Alfred	Aug. 12, 1887	Sept. 21, 1894	6.93	8.26
Eisenhardt, Frederick	Oct. 14, 1888	May 29, 1896	5.60	8.34
Ellis, George Charles	May 15, 1887	Dec. 30, 1896	7.34	7.05
Ellis, Harry Arbor	May 2, 1889	Dec. 31, 1897	7.83	7.43
Ellis, Samuel	Dec. 12, 1888	June 1, 1898	5.93	9.68
Enoch, Elmer Edward	Oct. 27, 1888	Dec. 31, 1897	6.99	8.12

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 167

SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Enz, William Frederick	Feb. 9, 1890	Dec. 30, 1898	8.76	9.43
Evans, David Albert	May 19, 1890	Dec. 30, 1898	8.06	9.20
Faddis, James Morris	Jan. 18, 1888	Sept. 7, 1897	7.20	7.39
Farrell, James	Dec. 30, 1890	May 31, 1899	9.15	8.99
Ferrey, Raymond John	June 3, 1890	June 1, 1898	8.01	7.43
Ferris, Joseph	July 6, 1888	Jan. 17, 1896	7.14	8.41
Fester, William Martin	Nov. 8, 1889	Dec. 31, 1897	6.72	8.63
Pettinger, David Earl	Aug. 2, 1890	Sept. 26, 1899	9.22	8.02
Findeisen, Philip Frederick	Dec. 12, 1887	Sept. 6, 1897	5.38	7.95
Flanagan, Charles Artie	July 14, 1890	May 31, 1899	7.93	8.82
Flick, Taylor Barner	Aug. 4, 1889	Sept. 30, 1898	8.44	9.09
Foley, Albert Edward	Aug. 27, 1889	Dec. 30, 1898	7.31	7.66
Foley, Thomas John	Aug. 27, 1889	Dec. 30, 1898	6.94	8.86
Ford, William	Oct. 21, 1887	Sept. 6, 1897	7.65	8.51
Fortney, George Russell	May 1, 1890	Dec. 29, 1899	8.27	8.42
Fraser, Frank Edward	Nov. 3, 1887	Sept. 7, 1897	7.15	8.59
Fravel, William Henry	Aug. 20, 1887	March 5, 1897	8.08	7.30
Fredericks, Harry C. Ernest	Oct. 13, 1889	Dec. 31, 1897	7.85	7.71
Frey, Herbert Oswin	Jan. 22, 1891	May 29, 1900	8.71	9.85
Frey, Robert Uhler	May 28, 1890	June 1, 1898	6.80	8.04
Fritz, Joseph Max	Oct. 16, 1888	Dec. 30, 1896	7.37	6.87
Gallagher, Wm. Henry	Oct. 28, 1887	Dec. 28, 1894	5.95	8.60
Gammons, Henry Elmer	Feb. 18, 1891	June 12, 1900	8.25	8.85
Garland Frank	July 21, 1887	Dec. 30, 1896	6.52	9.74
Garvin, Alfred Moncrieff	April 14, 1887	Jan. 4, 1895	4.98	6.16
Geddes, William Clark	Dec. 29, 1889	Dec. 31, 1897	7.64	7.39
Geere, George Henry	April 23, 1890	May 31, 1899	8.19	8.87
Gelkler, Amos Kane	Sept. 14, 1888	May 29, 1896	6.48	7.21
Gilpin, Clifford	Aug. 13, 1890	Sept. 26, 1899	8.02	9.47
Ginter, Charles Albert	Feb. 28, 1890	June 28, 1898	7.77	8.41
Godfrey, Herbert White	Oct. 10, 1887	May 31, 1895	7.28	8.07
Godshalk, George W. C.	June 15, 1891	May 31, 1899	8.16	9.06
Gogolsky, John George	April 6, 1890	Jan. 10, 1899	8.24	8.49
Goodman, Abraham Hermann	Oct. 16, 1888	April 28, 1898	8.01	7.81
Goodman, Joseph	Feb. 25, 1891	June 1, 1898	8.40	8.79
Goodwin, Charles Fremont	Jan. 25, 1889	Dec. 30, 1896	7.40	7.59
Gordon, John McGowan	Sept. 18, 1889	Dec. 31, 1897	8.68	8.72
Gosner, Charles Anthony	Oct. 30, 1890	Sept. 26, 1899	7.68	8.58
Goucher, Howard Note	July 4, 1888	May 29, 1896	7.60	8.58
Graham, Vincent McKim	Feb. 13, 1890	June 1, 1898	8.43	9.45
Green, John Warner	June 6, 1890	May 31, 1899	8.50	8.89
Green, John William	Sept. 20, 1888	Dec. 31, 1897	7.79	9.05
Green, Joseph	July 22, 1890	June 28, 1898	8.55	9.41
Green, Miles	Sept. 10, 1887	Sept. 18, 1896	8.76	8.63
Gresens, Frederick Peter	Nov. 19, 1889	Dec. 31, 1897	7.46	6.97
Gresens, William Herman	Oct. 21, 1888	Jan. 13, 1897	7.77	8.10
Gress, Abraham Morris	Jan. 25, 1888	May 29, 1896	7.62	9.57
Greves, Edward Francis	Jan. 22, 1890	Jan. 14, 1898	8.01	6.89
Griffith, Benjamin Franklin	June 26, 1886	May 31, 1895	6.75	7.44
Griffith, William Herbert	Sept. 3, 1889	Sept. 7, 1897	8.27	8.58
Grimm, Nathan Penrose	Sept. 4, 1888	June 1, 1898	7.98	8.95
Groome, Martin Joseph	March 14, 1889	Sept. 30, 1898	6.76	9.21
Grove, Franklin R. Gerhard	Nov. 7, 1889	June 1, 1898	8.36	6.80
Guest, Benjamin Franklin	Sept. 5, 1889	Dec. 31, 1897	7.86	9.79



## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Guise, Samuel	April 13, 1890	May 31, 1899	7.10	8.50
Gysen, John Henry	Aug. 20, 1887	May 29, 1896	7.31	4.65
Hahn, Louis	Feb. 13, 1888	Sept. 6, 1897	6.72	8.35
Hahn, Raymond	Jan. 7, 1889	Dec. 30, 1896	7.36	7.96
Hahn, Simon Earl	July 12, 1890	June 1, 1898	6.90	7.39
Hall, John James	May 18, 1889	Dec. 30, 1898	8.76	9.89
Hamilton, Andrew Sidney	Jan. 5, 1890	Dec. 31, 1897	6.84	8.55
Hannan, James	May 18, 1889	Sept. 6, 1897	7.82	5.59
Harding, Willis Wayne	Aug. 12, 1888	June 1, 1898	7.87	9.02
Harris, William Thomas	Dec. 25, 1889	Dec. 31, 1897	8.13	8.95
Harrison, Joseph	July 30, 1890	June 1, 1898	8.01	8.64
Hartman, Frank Lincoln	May 18, 1890	June 1, 1898	7.08	8.52
Harwick, George Martin	Oct. 28, 1889	June 1, 1898	8.31	8.97
Havens, Frank Russell	Dec. 1, 1888	Sept. 7, 1897	7.45	9.31
Hawley, William Selby	Aug. 18, 1889	June 1, 1898	7.12	9.32
Heidz, Albert	Dec. 16, 1888	Dec. 30, 1896	6.73	7.45
Herr, Milton Young	June 17, 1888	June 17, 1896	5.97	7.26
Herrmann, Daniel Whitby	March 29, 1888	May 31, 1895	6.94	6.77
Hicks, Harry	Jan. 3, 1888	Sept. 20, 1895	6.35	7.33
Hildenbrand, Lewis Edward	April 20, 1890	June 1, 1898	7.88	9.07
Hill, Clarence	Aug. 5, 1886	May 31, 1894	7.27	8.29
Hill, William Wesley	Jan. 20, 1888	Jan. 10, 1896	6.54	8.81
Hodgkiss, William Harrison	Aug. 26, 1888	May 29, 1896	7.03	6.21
Hoeltzle, Albert Conrad	March 25, 1889	Sept. 7, 1897	7.62	9.34
Hoffman, John Sigmond	July 22, 1888	May 29, 1896	5.93	3.86
Hoffman, John Wilson	April 26, 1889	June 1, 1898	7.82	8.06
Holmes, Samuel	Nov. 21, 1889	Dec. 31, 1897	6.33	8.35
Honicker, Franklin Adolph	Sept. 19, 1890	June 21, 1898	7.93	9.70
Hontz, Josiah Ira	March 2, 1887	Sept. 28, 1894	7.04	7.92
Hopple, Joseph	Sept. 14, 1889	Sept. 30, 1898	8.23	8.69
Horre, Rudolph Hugo	March 8, 1888	Dec. 31, 1895	7.62	7.51
Horscroft, William Frank	Dec. 28, 1890	Sept. 6, 1897	7.90	8.16
Houder, John Burton	March 8, 1889	Sept. 6, 1897	6.32	8.98
Howard, Allan Aloysia	Sept. 8, 1888	June 23, 1898	8.48	9.40
Howell, Henry	Feb. 14, 1890	May 31, 1899	8.09	8.83
Hudson, Francis Wright	March 18, 1889	Sept. 6, 1897	6.38	5.40
Hume, David Orris	Sept. 24, 1887	Dec. 28, 1894	5.44	7.73
Hunter, Charles	Nov. 5, 1889	Dec. 31, 1897	8.23	9.44
Hunter, Edward Lorimer	Nov. 7, 1887	Dec. 31, 1895	6.46	8.17
Hunter, Franklin Quinton	June 23, 1888	Dec. 31, 1895	6.43	6.39
Hunter, Robert Henry	April 6, 1890	Jan. 19, 1898	8.28	9.13
Irvin, William Cleveland	Aug. 3, 1889	Dec. 30, 1898	8.30	8.38
Irvin, William George	Oct. 3, 1888	Dec. 31, 1897	7.17	8.10
Ivory, Harrison Clay	July 27, 1888	May 29, 1896	8.35	8.43
Jacobs, Walter Roy	Sept. 10, 1887	Sept. 7, 1897	7.29	8.12
Jahn, John Henry	Dec. 17, 1889	June 1, 1898	8.63	8.79
James, Horace Smith	Nov. 22, 1888	Dec. 31, 1895	7.62	5.72
Jester, Albert Henry	Aug. 25, 1888	Jan. 14, 1898	7.46	6.70
Jester, Joseph Ellwood	Oct. 11, 1890	Jan. 14, 1898	7.61	8.36
Jewells, Le Roy	Dec. 2, 1888	Sept. 7, 1897	7.98	7.64
Johnsen, Edwin T. N.	Oct. 9, 1887	May 31, 1895	5.18	8.94
Jones, Joseph Haydn	March 1, 1891	Dec. 30, 1898	8.64	1.69
Kane, Arthur Garfield	Aug. 29, 1890	June 13, 1898	7.64	8.64
Keegan, Edward	Jan. 19, 1889	Dec. 31, 1897	7.74	8.65

**BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 169**

**SECOND FORM.**

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Keim, Franklin Le Roy	May 26, 1889	June 1, 1898	7.09	9.13
Kelly, Edward William	Jan. 18, 1890	Dec. 30, 1898	7.92	8.88
Kennedy, John Alexander	Aug. 14, 1889	Dec. 30, 1898	7.78	9.31
Kennedy, Lawrence Fremont	Sept. 10, 1890	Dec. 30, 1898	8.27	7.62
Kenvin, Griffith	Aug. 10, 1886	Jan. 4, 1895	7.44	8.16
Kenworthy, Thomas Benj.	Nov. 22, 1890	Sept. 30, 1898	7.78	7.81
Kern, Frederick Elmer	Dec. 29, 1888	Dec. 30, 1896	6.66	8.20
Keth, Frank Henry	Feb. 9, 1891	May 31, 1899	8.59	9.48
Keyser, Harrison	June 15, 1889	May 31, 1899	8.04	9.37
King, Eugene Robert	Sept. 21, 1890	Sept. 30, 1898	8.60	9.45
King, John	Oct. 1, 1887	Dec. 30, 1896	6.09	8.83
Kirkland, William	Oct. 11, 1890	June 24, 1898	9.05	9.32
Kirschbaum, Albert Adolf	June 12, 1888	Dec. 31, 1895	6.47	8.89
Kirschbaum, Carl Alex.	Aug. 9, 1890	June 1, 1898	8.19	8.76
Kitselman, John C. F.	March 8, 1889	June 1, 1898	7.40	7.50
Kleinhenn, Raymond	March 8, 1889	Dec. 31, 1897	7.24	9.27
Kleinhenn, Walter Henry	Aug. 17, 1891	Sept. 26, 1899	8.35	9.96
Kline, William Benjamin	Feb. 11, 1890	Dec. 31, 1897	7.50	9.42
Kling, David Kinzer	Nov. 16, 1889	Jan. 27, 1899	7.91	9.75
Klug, Joseph	May 28, 1890	Dec. 29, 1899	8.46	8.99
Knapp, Horace Clifton	April 13, 1890	June 23, 1898	6.68	8.76
Kolb, Clifford Elmer	April 9, 1889	Sept. 7, 1897	8.97	9.53
Lafferty, Harry James	June 3, 1889	Sept. 7, 1897	7.52	9.70
Lake, James George	Aug. 29, 1888	Sept. 6, 1897	8.43	9.01
Lamprecht, Joseph E.	July 12, 1890	Oct. 18, 1898	8.07	5.89
Larkin, Vernon Carlyle	Sept. 20, 1888	Jan. 19, 1898	7.75	7.55
Layden, Joseph	Nov. 18, 1889	June 1, 1898	8.77	8.80
Leaf, Frank George	April 8, 1889	Sept. 30, 1898	8.73	8.59
Lear, Samuel Maitland	Oct. 5, 1889	June 1, 1898	7.38	8.40
Lees, Robert	Feb. 20, 1888	May 31, 1895	7.33	7.44
Leibgries, David	March 22, 1889	Sept. 6, 1897	6.29	8.31
Leiby, Harry Joseph	April 11, 1890	June 1, 1898	8.50	9.38
Levering, John Lettenmeier	April 28, 1887	May 31, 1894	5.76	6.80
Levy, Morton Jacob	April 21, 1889	Sept. 6, 1897	6.92	8.60
Lewis, Herbert Fiske	Jan. 26, 1890	Dec. 29, 1899	9.61	9.40
Lewis, William	Sept. 15, 1886	Dec. 28, 1894	6.21	8.49
Lindsey, Frank Myrl	Nov. 24, 1889	June 1, 1898	8.82	8.85
Lindsey, John Ramond	Nov. 24, 1889	June 1, 1898	7.40	8.59
Lloyd, James Kerr	Aug. 10, 1888	June 1, 1898	6.92	8.82
Long, Wesley Miller	Aug. 28, 1889	Jan. 5, 1899	8.35	8.60
Longacre, Benjamin Richard	Jan. 23, 1890	Dec. 31, 1897	6.79	9.09
Lord, Thomas Miller	April 15, 1889	June 1, 1898	7.80	8.16
Loughery, Thomas Edward	June 2, 1889	Jan. 21, 1898	6.49	7.27
Lovett, John Humphries	Oct. 7, 1889	June 2, 1898	6.70	7.86
Luffberry, Joseph Collins	June 4, 1887	Sept. 21, 1894	6.12	7.40
McCann, Francis	Feb. 3, 1890	May 5, 1898	8.07	8.46
McCarter, George Wm.	Oct. 5, 1890	Oct. 21, 1898	8.55	9.10
McCloy, Hugh	Feb. 10, 1888	May 31, 1895	7.42	5.74
McConaghy, Ellis Norvin	March 18, 1889	Jan. 19, 1898	7.58	7.88
McConnell, George Horn	Sept. 7, 1890	Sept. 18, 1896	7.60	8.61
McDougall, John Bruce	April 24, 1890	June 23, 1898	7.53	8.44
McDowell, Walter Elliott	Aug. 10, 1890	June 1, 1898	9.19	8.49
McElroy, Samuel Hatton	Aug. 7, 1890	June 1, 1898	7.82	9.03
McFetridge, Lloyd Wiegand	June 30, 1889	Sept. 25, 1895	7.39	7.20

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
McGrath, Lawrence Bishop	Nov. 15, 1888	Sept. 6, 1897	7.00	7.42
McMonigle, James	Nov. 12, 1889	Sept. 6, 1897	5.59	8.08
MacMurray, Harold	Nov. 20, 1890	May 31, 1899	8.66	9.81
Magee, William H.	Oct. 28, 1888	Dec. 30, 1896	6.98	8.02
Mageoch, George Henry	Dec. 7, 1890	Dec. 30, 1898	8.02	7.67
Maguire, John	Aug. 21, 1889	May 29, 1896	6.84	6.20
Mahoney, William Joseph	March 19, 1888	April 27, 1894	7.37	5.40
Malcomson, James Allison	Jan. 25, 1891	May 31, 1899	8.08	8.28
Mallams, Calvin	Oct. 24, 1889	June 1, 1898	7.39	9.61
Margerum, John E. P.	Feb. 25, 1891	Dec. 30, 1898	8.11	8.44
Margerum, Robert Lehmann	Jan. 31, 1889	Dec. 30, 1898	8.28	9.61
Martin, Edward Beasley	May 18, 1889	Sept. 6, 1897	8.10	9.67
Mauger, Charles Frank	July 3, 1889	Sept. 7, 1897	6.92	8.20
Mayer, David Nathaniel	May 18, 1888	Dec. 30, 1896	7.38	8.46
Meadowcroft, John	July 24, 1889	Sept. 7, 1897	6.53	5.44
Meissner, George Alexander	Aug. 31, 1890	June 1, 1898	8.65	9.18
Menhennett, Leon William	Oct. 18, 1887	May 31, 1895	6.52	4.11
Meyer, Charles Benjamin	March 3, 1888	Dec. 30, 1896	7.92	8.13
Miller, Robert Franklin	Aug. 7, 1887	May 29, 1896	7.43	8.73
Miller, William Francis	Oct. 10, 1888	June 21, 1898	7.52	8.53
Miner, Nicholas James	Aug. 19, 1888	Sept. 7, 1897	6.84	6.39
Mitchell, Alfred Thomas	Jan. 16, 1890	Dec. 30, 1898	8.20	7.64
Mitchell, Charles Jones	Oct. 14, 1890	Dec. 30, 1898	7.83	7.91
Mohr, Frederick Charles	Feb. 28, 1891	Dec. 30, 1898	7.87	7.42
Moldenhauer, Gustave A.	Sept. 3, 1890	June 1, 1898	8.55	9.12
Mooney, Walter Engel C.	May 28, 1888	Dec. 31, 1897	6.71	6.88
Moore, Brooke Adams	Feb. 15, 1889	Sept. 30, 1898	8.09	9.75
Moore, Charles	Feb. 6, 1886	Dec. 31, 1895	5.26	8.46
Moore, George David	Jan. 14, 1888	May 31, 1895	7.02	6.54
Moore, John Edgar	June 27, 1891	May 31, 1899	7.65	7.71
Moore, Raymond Simpson	Feb. 18, 1891	Dec. 30, 1898	8.82	9.41
Morley, Harrison Morton	Sept. 18, 1888	Sept. 18, 1896	6.68	8.12
Morrison, John	May 28, 1888	Sept. 7, 1897	7.79	6.08
Moyer, Henry Rase	March 25, 1889	Jan. 13, 1897	8.15	9.37
Müller, Ferdinand	Aug. 6, 1887	May 31, 1895	7.31	8.17
Mulvaney, Horace Walter	June 8, 1890	June 20, 1898	8.91	9.90
Muth, Charles	March 12, 1889	Sept. 6, 1897	6.45	9.30
Myers, Edgar Fickus	Feb. 18, 1889	Sept. 7, 1897	6.89	7.74
Myers, John Allison	Sept. 10, 1887	May 29, 1896	7.93	7.77
Nace, Harvey	April 27, 1888	Sept. 7, 1897	6.26	8.36
Naylor, Henry Collar	Jan. 21, 1889	Dec. 30, 1896	6.29	7.59
Nealey, Louis Alfred DeM.	May 31, 1890	June 1, 1898	7.13	9.19
Neely, Alexander	July 6, 1887	Sept. 21, 1894	5.33	6.55
Neitzel, Charles	Sept. 11, 1887	Sept. 18, 1896	7.73	7.33
Nertney, John	Oct. 14, 1885	June 11, 1895	3.83	9.58
Nessler, Vincent Leon	Jan. 3, 1890	Dec. 31, 1896	8.41	8.32
Nice, Richard	May 11, 1888	Sept. 6, 1897	7.47	8.10
Nicholls, Walter	March 25, 1888	Dec. 31, 1897	6.35	7.55
Nichols, George Washington	Feb. 22, 1887	Dec. 30, 1896	5.80	7.90
Nittinger, Edgar	Jan. 30, 1889	Sept. 6, 1897	7.51	6.91
Noll, Elmer Moses	May 26, 1889	Dec. 30, 1898	7.48	9.50
Nolte, Harry Clayton	Aug. 12, 1888	June 1, 1898	8.06	7.72
Nolte, William Ferdinand	Aug. 21, 1890	June 1, 1898	7.88	4.46
Nordland, Charles Walter	Dec. 26, 1890	Dec. 30, 1898	6.93	8.36

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 171

SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Nordland, Edwin James	Jan. 25, 1889	Sept. 7, 1897	8.34	9.66
Nortine, Harry	June 18, 1890	Oct. 20, 1898	8.60	8.51
Notestine, George Murray	Oct. 14, 1889	June 1, 1898	8.19	9.10
Nowatny, Adolph Lubert	Aug. 16, 1887	Aug. 13, 1897	7.93	7.79
Nowatny, Charles Adolph	Jan. 30, 1890	Dec. 31, 1897	7.78	9.30
<b>Oescher, Edward W.</b>	April 10, 1891	Dec. 29, 1899	8.91	8.54
Oldroyd, Walter	Dec. 25, 1889	May 31, 1899	6.99	8.80
Osborn, Samuel	May 12, 1888	Dec. 31, 1895	7.10	7.97
<b>Painter, John Fraze</b>	Feb. 5, 1889	Dec. 30, 1898	8.17	7.73
Park, Albert Doan	Feb. 19, 1891	Dec. 30, 1898	8.06	9.48
Park, John Alfred	Oct. 27, 1887	May 31, 1895	6.30	8.34
Parry, Francis Joseph	Nov. 2, 1889	Dec. 31, 1897	7.66	7.32
Peters, Edward	May 22, 1887	May 31, 1894	7.21	9.21
Peters, Henry Arthur	April 17, 1889	June 1, 1898	6.66	7.56
Pfander, Lewis Jacob	Dec. 23, 1889	Sept. 26, 1899	8.68	8.80
Pharaoh, Joseph Warner	May 2, 1889	Jan. 28, 1898	7.87	9.18
Philips, Thomas Roland	Sept. 15, 1889	Dec. 31, 1897	7.71	7.74
Phillippi, Arthur Karl	Nov. 5, 1888	Sept. 30, 1898	5.80	9.05
Phillips, Albert	March 29, 1889	Sept. 7, 1897	7.21	8.86
Piersol, Leon Joseph	April 3, 1890	Dec. 30, 1898	7.50	9.24
Poorman, Albert Lee	May 26, 1887	Dec. 30, 1896	5.55	8.11
Poorman, Clyde Augustus	Dec. 13, 1888	Dec. 30, 1896	5.95	8.60
Powell, John Henry	May 14, 1889	Dec. 31, 1897	7.11	9.15
Powell, Joseph William	May 25, 1890	Sept. 30, 1898	6.49	9.32
Preisig, Charles Adolph	June 21, 1887	June 16, 1897	7.27	6.58
Pritchard, Thomas Arthur	Jan. 12, 1890	June 1, 1898	8.45	9.19
<b>Quigley, George W.</b>	Aug. 9, 1887	Nov. 5, 1894	6.82	8.00
Quinn, Thomas	Dec. 16, 1890	Sept. 26, 1899	8.10	9.23
<b>Rahner, Louis Henry</b>	Sept. 7, 1887	Sept. 6, 1897	7.15	6.79
Ramer, Harvey	Dec. 26, 1887	May 31, 1895	5.64	8.36
Ramer, Herbert	Dec. 26, 1887	May 31, 1895	6.07	8.12
Rau, Benjamin	June 26, 1890	May 29, 1900	9.17	8.74
Rauchenberger, Charles A.	July 4, 1887	May 31, 1895	7.35	8.47
Rawnsley, Herbert	June 28, 1889	June 17, 1898	8.39	6.76
Reber, Charles Irwin	July 24, 1888	Sept. 6, 1897	6.71	6.70
Rebmann, Godfried	Dec. 5, 1887	Sept. 6, 1897	6.26	8.48
Reed, Edward Francis	Dec. 3, 1889	Dec. 31, 1897	8.67	8.15
Rees, George Garfield	Jan. 13, 1889	June 1, 1898	8.38	8.83
Reichelderfer, Charles W.	Nov. 18, 1888	June 17, 1898	8.63	8.50
Reid, William George	Sept. 6, 1889	May 31, 1899	8.82	8.20
Reilly, Thomas James	April 4, 1889	Sept. 6, 1897	8.22	8.54
Rhodes, Edward Harrison	June 6, 1889	Sept. 7, 1897	7.56	9.25
Richards, Chester Harrison	Nov. 13, 1888	Sept. 18, 1896	8.36	9.47
Rickard, William Raymond	Oct. 7, 1889	Dec. 31, 1897	7.74	7.82
Ringler, William Frederick	March 8, 1889	Nov. 14, 1898	8.84	8.87
Roberts, Benjamin	March 16, 1886	May 31, 1894	6.60	5.60
Robertson, William	Oct. 12, 1888	May 29, 1896	7.41	6.80
Robertson, William James	July 1, 1891	Dec. 29, 1899	8.65	8.53
Rogers, John Carl	March 1, 1889	Dec. 30, 1898	7.15	7.97
Rorabaugh, Fay Irvin	Sept. 22, 1889	May 31, 1899	7.83	7.51
Rosewarne, Norman	April 22, 1889	Sept. 7, 1897	7.19	7.43
Russell, Joseph	Sept. 14, 1888	Sept. 7, 1897	7.83	9.00
<b>Sarwick, George F.</b>	Jan. 9, 1888	Dec. 30, 1896	5.80	8.86
Schaffer, Lester	Aug. 4, 1888	June 22, 1898	7.01	9.11

## SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Scheese, Walter A.	Dec. 9, 1886	Dec. 31, 1895	7.06	9.03
Scheetz, Clarence Roger D.	Jan. 7, 1889	Dec. 30, 1898	7.18	9.33
Schick, Charles	Dec. 14, 1886	May 29, 1896	6.94	8.13
Schimpf, Paul	June 23, 1890	June 1, 1898	8.33	8.02
Schleider, Emil George	Jan. 3, 1890	June 1, 1898	7.84	8.52
Schoellkopf, Howard	Dec. 18, 1887	June 17, 1896	7.03	8.15
Schrandt, Wm. Frederick	Jan. 23, 1890	June 1, 1898	8.58	9.40
Schwartz, Elias Edward	Feb. 24, 1888	Dec. 31, 1897	7.91	9.45
Scott, Harry	March 22, 1889	Dec. 30, 1896	6.97	8.07
Secrist, Raymond	July 29, 1888	Sept. 18, 1896	6.21	5.50
Seitz, Julius	March 20, 1890	March 11, 1898	8.06	8.80
Sellers, William Wallace	July 2, 1889	Sept. 6, 1897	6.56	8.48
Sergeant, Robert Gilmore	Dec. 8, 1888	Sept. 28, 1896	7.30	6.47
Seward, George Washington	March 31, 1888	Jan. 11, 1898	7.31	9.54
Shallcross, Dewees Haines	Jan. 3, 1889	Jan. 20, 1898	7.55	7.60
Shannon, David Johnson	March 23, 1890	Dec. 31, 1897	7.45	8.67
Sharp, Wm. Lindsey	Jan. 19, 1890	May 31, 1899	8.32	9.81
Shaw, William Jacoby	Sept. 12, 1890	June 1, 1898	6.80	7.62
Shaw, William John	April 16, 1889	Sept. 7, 1897	7.45	7.47
Shelley, Joseph Josiah	Sept. 30, 1887	Dec. 30, 1896	7.23	8.82
Shenk, Ralph	April 19, 1890	June 1, 1898	8.45	9.29
Shepherd, Norwood	Oct. 9, 1886	April 27, 1894	5.64	8.49
Shupp, David Antrim	Aug. 18, 1888	Dec. 31, 1897	7.30	8.99
Sigel, Robert Glenn	Oct. 23, 1889	Jan. 18, 1898	7.89	8.50
Simcox, John	Oct. 24, 1890	Dec. 30, 1896	6.58	8.58
Simcox, Robert	July 8, 1889	Dec. 31, 1895	7.21	7.24
Singer, Carl William	June 18, 1890	June 1, 1898	7.02	8.45
Singer, Charles Wm. F.	April 16, 1889	Sept. 6, 1897	6.90	8.00
Sisco, Charles Wilmer	Oct. 4, 1887	Dec. 29, 1893	6.02	8.48
Sisco, George Henry	March 14, 1891	Sept. 6, 1897	8.50	8.38
Skipton, Frank Robert	Feb. 12, 1891	May 31, 1899	7.93	8.99
Sly, James Johnson	Oct. 22, 1889	Dec. 30, 1896	7.89	7.63
Smith, Earl Emmett	Aug. 10, 1889	Jan. 20, 1898	7.37	8.64
Smith, Frederick William	Nov. 11, 1890	May 31, 1899	7.85	6.51
Smith, Herbert	June 16, 1890	June 1, 1898	8.82	8.12
Smith, Howard Taylor	March 18, 1889	Dec. 31, 1897	7.61	9.00
Smith, Phalanda Sutcliffe	Oct. 9, 1888	Sept. 18, 1896	7.45	9.32
Smith, Sanford Warren	Oct. 26, 1889	Dec. 31, 1897	8.76	9.31
Snap, Ormonde Barnes	Feb. 27, 1889	June 24, 1898	6.19	8.38
Snyder, Francis Lewis	Jan. 21, 1889	June 1, 1898	7.06	8.43
Snyder, James Howard	Jan. 17, 1887	Sept. 27, 1894	7.09	8.50
Sowers, William	April 20, 1889	Dec. 31, 1897	7.55	7.84
Steinberger, John Valentine	Feb. 14, 1890	Dec. 31, 1897	6.98	8.60
Steventon, William Howard	April 18, 1889	June 1, 1898	8.04	9.69
Stewart, Earl Campbell	Aug. 20, 1889	Dec. 30, 1898	7.96	8.49
Stouffer, Willard Leroy	June 22, 1888	Dec. 30, 1896	6.24	7.76
Stranaghan, Albert	Feb. 24, 1891	Dec. 30, 1898	7.52	8.70
Straub, Henry	Feb. 13, 1887	Feb. 3, 1897	7.63	7.90
Stuart, George Wallace	Oct. 26, 1889	Dec. 30, 1898	8.30	8.86
Stutz, Louis	April 27, 1890	June 1, 1898	8.29	9.42
Supper, Otto Joseph	Aug. 28, 1890	June 17, 1898	7.53	6.86
Swenk, Ralph	Sept. 5, 1887	Sept. 20, 1895	6.80	6.50
Swingle, Frederick Arthur	Sept. 21, 1888	Sept. 7, 1897	8.33	9.20
Taggart, Wm. B. H.	Dec. 10, 1887	May 31, 1895	7.64	8.36

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 173

SECOND FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Taylor, Theodore Harris	Nov. 8, 1888	June 15, 1896	7.22	5.55
Thompson, Adam Norback	Sept. 2, 1887	Dec. 28, 1894	6.10	7.43
Tillotson, Frank	Sept. 23, 1887	Jan. 7, 1896	4.87	7.58
Todd, Frederick	Sept. 20, 1889	Dec. 30, 1898	7.70	9.53
Treaster, Wm. Samuel	Oct. 28, 1888	June 1, 1898	8.01	7.95
Truempy, George Stanley	Jan. 30, 1890	Sept. 30, 1898	7.96	9.74
Truempy, John Daniel	Oct. 20, 1887	May 31, 1895	7.99	8.61
Turner, James	Aug. 3, 1889	June 8, 1899	8.77	9.38
Umholtz, Chas. Morgan	Aug. 11, 1889	Jan. 6, 1898	7.60	9.47
Umholtz, William Harrison	Aug. 11, 1889	Jan. 6, 1898	8.65	9.94
Vance, Howard Leroy	Nov. 25, 1890	Dec. 30, 1898	7.95	9.15
Vanderhylen, Gustavus C.	Sept. 5, 1888	Sept. 6, 1897	7.12	7.84
Varshofsky, Joseph	Aug. 18, 1888	Dec. 31, 1895	7.54	7.75
Verity, Harold Riggall	Feb. 10, 1889	Dec. 30, 1896	7.22	6.56
Voigt, Chas. Wm. Ferdinand	Nov. 8, 1889	Dec. 30, 1896	6.94	8.59
<b>Wagner, Robert James</b>	April 20, 1891	Sept. 6, 1897	8.30	6.64
Wakeman, Earle Arthur	June 9, 1888	June 1, 1898	8.41	9.81
Walker, Charles Henry	Oct. 27, 1889	June 1, 1898	8.75	8.87
Walters, Charles Henry	Feb. 6, 1890	May 31, 1899	9.05	9.51
Warncke, Edward Albert	June 27, 1889	Sept. 6, 1897	7.97	8.97
Washinger, Charles Parker	Jan. 18, 1888	Dec. 30, 1896	6.97	8.52
Watts, James Willson	April 29, 1888	Dec. 31, 1897	8.64	8.02
Weaver, Donald Lamison	May 25, 1890	Sept. 30, 1898	8.40	9.01
Weiss, Isaac	Jan. 13, 1891	Dec. 30, 1898	8.78	8.62
Welker, Samuel Jacob	Dec. 5, 1888	Sept. 11, 1897	6.47	8.84
Wenrick, Walter Brokaw	Sept. 15, 1890	June 1, 1898	8.82	9.36
Wentz, Roy Hiram	Dec. 3, 1888	Sept. 18, 1896	6.53	8.60
Wertz, Burt Gerald	March 19, 1887	Sept. 18, 1896	7.64	8.29
Westcott, Albert Taxis	May 1, 1885	Dec. 28, 1894	5.55	6.89
Whiskeyman, Chas. David	Jan. 27, 1888	Sept. 7, 1897	7.69	7.28
White, Howard Thomas	Aug. 31, 1886	Jan. 25, 1895	6.34	7.18
Whiteley, James Herbert	March 25, 1889	Sept. 6, 1897	6.98	8.06
Whiteley, Thos. Frederick	Nov. 16, 1888	June 1, 1898	8.38	8.26
Wiegand, John Conard	April 23, 1889	Sept. 6, 1897	7.68	9.19
Williams, Charles	June 2, 1889	June 1, 1898	8.48	7.53
Williams, Maurice	Dec. 16, 1889	Dec. 30, 1898	7.61	8.34
Williams, William	March 29, 1889	Sept. 6, 1897	5.51	9.55
Wilson, Horace Warren	Jan. 31, 1890	Dec. 31, 1897	7.48	8.34
Wilson, Ralph Ashton	July 2, 1887	Sept. 21, 1894	6.18	5.00
Wintersteen, Edward Elmer	Aug. 26, 1888	June 1, 1898	7.13	5.97
Wittmer, Austin Arthur	March 3, 1890	June 1, 1898	8.72	9.40
Wolfson, Kalma	Feb. 14, 1890	Oct. 4, 1898	8.58	9.90
Woloszyk, Thomas Richard	July 9, 1889	Jan. 11, 1899	8.20	8.64
Woodside, Frank Stanley	Nov. 1, 1889	June 1, 1898	8.32	9.23
Wright, Granville Randolph	Nov. 21, 1889	June 1, 1898	6.37	8.62
<b>Young, John Alex.</b>	Nov. 8, 1887	Dec. 28, 1894	7.38	8.10
Zeiders, Franklin Morrison	Jan. 9, 1886	Sept. 21, 1894	5.26	8.86
Ziegler, Herbert Eyre	Aug. 14, 1890	May 31, 1899	8.42	8.05
Zimmerman, Claude Moyer	Oct. 1, 1890	Nov. 15, 1898	8.46	9.68
Zink, Albert Peter	Sept. 20, 1890	May 29, 1900	8.31	9.39

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Allendorf, John Peter	Sept. 8, 1890	Sept. 26, 1899	8.03	7.95
Altemus, Jerome Bromley	Sept. 11, 1892	Sept. 25, 1900	..	..
Amole, Allen	Aug. 10, 1890	May 31, 1899	8.02	9.29
Anderson, Clarence James	March 10, 1891	May 29, 1900	5.23	9.65
Anderson, George David	Jan. 9, 1890	June 1, 1898	6.43	8.35
Anderson, Norman	June 24, 1892	May 29, 1900	8.71	9.75
Arnold, George Henry	Jan. 3, 1891	Dec. 30, 1898	5.05	7.91
Auwearter, William	Aug. 16, 1892	Sept. 25, 1900	..	..
Bair, Alvah LeRoy	Nov. 7, 1892	Jan. 31, 1901	..	..
Bair, Elmer Elias	April 9, 1891	Sept. 25, 1900	..	..
Baldwin, Harrison	Oct. 31, 1890	May 29, 1900	7.27	9.32
Ball, Stanley	Aug. 14, 1890	Dec. 30, 1898	6.58	8.77
Bangs, Samuel Arthur	March 20, 1892	Jan. 31, 1901	..	..
Banner, Charles	Dec. 25, 1891	Jan. 31, 1901	..	..
Banner, James	July 26, 1893	Jan. 31, 1901	..	..
Barkoff, Albert	Sept. 26, 1892	Jan. 31, 1901	..	..
Barkoff, John May	July 18, 1890	Dec. 30, 1898	8.04	9.22
Barlow, George W. W.	Feb. 17, 1892	Dec. 29, 1899	5.89	7.04
Barrett, George Wilber	Oct. 7, 1892	Jan. 31, 1901	..	..
Basenfelder, Charles A. L.	Nov. 29, 1892	May 31, 1899	7.23	8.39
Bassinger, Christian	Oct. 13, 1891	Sept. 26, 1899	6.23	9.27
Beans, Russell Paul	Dec. 26, 1891	May 29, 1900	8.94	9.83
Beatty, William	March 13, 1893	May 31, 1899	8.56	9.00
Beck, Solomon	Oct. 15, 1891	Sept. 26, 1899	6.43	8.80
Becker, Harry Elmer	Jan. 9, 1893	Jan. 31, 1901	..	..
Becker, Joseph	Jan. 14, 1892	Sept. 26, 1899	8.56	7.48
Beeby, Leon Webb	Oct. 6, 1892	Jan. 31, 1901	..	..
Bement, Amos Curtis	Dec. 13, 1891	Dec. 31, 1897	5.78	8.93
Bennett, John Robert	June 23, 1890	Dec. 30, 1898	8.73	9.47
Berger, William	Aug. 28, 1892	Jan. 31, 1901	..	..
Bernhardt, Joseph	Dec. 21, 1890	Sept. 25, 1900	..	..
Billington, John	Sept. 17, 1892	Sept. 25, 1900	..	..
Bishop, John	July 15, 1891	June 12, 1900	7.58	9.72
Blakely, George	Jan. 19, 1893	Jan. 31, 1901	..	..
Blee, William	Sept. 24, 1893	May 29, 1900	6.87	9.44
Blind, Martin Charles	Nov. 19, 1890	Sept. 25, 1900	..	..
Bolton, John Richard	Aug. 17, 1892	Sept. 25, 1900	..	..
Bond, Silas Torbert	Nov. 2, 1890	Sept. 25, 1900	..	..
Boudwin, Joseph Leslie	April 2, 1892	May 29, 1900	3.58	8.59
Boulay, Adolph Henry	July 9, 1890	June 1, 1898	7.30	8.58
Boy, William Hawley	June 16, 1892	June 15, 1900	7.75	8.82
Bridges, Walter Moore	Oct. 8, 1892	Jan. 31, 1901	..	..
Brinton, Ralph Saltmarsh	Sept. 17, 1890	Sept. 30, 1898	6.12	9.26
Brown, Frederick	May 5, 1891	May 31, 1899	8.37	9.05
Brown, Malcolm Leray	Oct. 6, 1891	May 29, 1900	8.16	9.50
Brownstein, Charles	April 21, 1892	Sept. 25, 1900	..	..
Brunner, John Frederick	Feb. 5, 1892	Dec. 29, 1899	7.67	8.78
Bruns, John Frederick Carl	Nov. 22, 1891	Dec. 29, 1899	7.67	9.59
Bunge, Ralph	June 8, 1891	June 21, 1899	8.30	9.96
Burk, William Frederick	Sept. 25, 1892	Sept. 25, 1900	..	..
Burke, Charles Joseph	June 6, 1892	May 29, 1900	7.76	9.47

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 175

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Burrows, Joseph Charlton	July 5, 1891	Jan. 31, 1901	. .	. .
Burt, John Howard	Feb. 11, 1890	Dec. 29, 1899	8.48	8.96
Button, William	Feb. 21, 1890	Sept. 26, 1899	7.69	7.73
Byrem, Harry Lawrence	July 28, 1890	June 1, 1898	7.05	8.83
<b>Cadow, Charles Harrison</b>	March 12, 1889	June 1, 1898	8.12	9.65
Callahan, Michael	Oct. 6th, 1892	Sept. 25, 1900	. .	. .
Camenisch, Henry Paul	Sept. 17, 1890	May 31, 1899	7.16	9.35
Camenisch, Walter Bormann	Nov. 20, 1892	Jan. 31, 1901	. .	. .
Campbell, Arthur	Oct. 13, 1890	Sept. 30, 1898	7.01	8.66
Campbell, Charles James	Nov. 4, 1892	Sept. 27, 1899	6.39	8.73
Campbell, Charles Leo	May 11, 1891	Sept. 25, 1900	. .	. .
Carlin, William Martin	Jan. 30, 1891	Dec. 30, 1898	7.50	7.39
Casper, Jacob Ellwood	April 18, 1892	May 29, 1900	9.26	9.69
Chatham, Wilford Hall	June 9, 1891	Sept. 26, 1899	7.74	9.50
Clark, Charles Arthur	Sept. 21, 1891	Jan. 31, 1901	. .	. .
Clarke, Francis Humes	March 9, 1890	June 1, 1898	8.00	9.10
Clarke, William John	Sept. 16, 1891	Sept. 25, 1900	. .	. .
Clavier, William Ernst	Feb. 28, 1891	Dec. 30, 1898	7.58	7.89
Cloud, Joseph	July 7, 1891	Dec. 29, 1899	8.89	9.80
Collins, John English	Sept. 23, 1892	Sept. 25, 1900	. .	. .
Compton, Robert Everett	Jan. 15, 1892	May 29, 1900	7.67	8.90
Cook, George Curtis	April 6, 1891	Jan. 5, 1899	7.47	8.57
Corbin, Ralph Ebright	Dec. 25, 1891	May 29, 1900	8.31	7.62
Craig, Hilliard Sanders	Dec. 31, 1890	Dec. 30, 1898	7.83	8.99
Crosby, Bart Julian	Oct. 8, 1891	June 4, 1900	8.48	9.87
Crothers, Elmer Edward	Nov. 10, 1890	May 31, 1899	7.57	9.45
Cunningham, Raymond	April 1, 1891	Jan. 4, 1899	7.03	8.92
Cutter, Charles	Dec. 27, 1888	May 29, 1896	6.49	7.82
<b>Dalby, James Raymond</b>	Dec. 27, 1889	May 31, 1899	7.44	8.12
Dalby, Sylvester Lewis	Aug. 9, 1891	Sept. 26, 1899	6.03	9.59
Davenport, Stephen Ira	May 5, 1891	Sept. 26, 1899	4.37	5.83
Davis, William Mellor	Nov. 26, 1891	Dec. 29, 1899	4.10	8.99
Deily, Harold Luther	Oct. 14, 1892	Jan. 31, 1901	. .	. .
DeLuca, Alexander	March 27, 1892	Jan. 31, 1901	. .	. .
Denworth, Hugh Frederick	Dec. 12, 1891	Jan. 31, 1901	. .	. .
Deubler, Mason Eugene	April 27, 1891	Sept. 25, 1900	. .	. .
Dietz, Elmer Lee	March 10, 1892	May 29, 1900	7.05	8.30
Dinan, Emlen Franklin	March 27, 1891	Jan. 31, 1901	. .	. .
Doering, William	Oct. 7, 1890	May 29, 1900	5.15	7.37
Dollfus, Emil	March 1, 1891	Jan. 31, 1901	. .	. .
Doster, George Charles	May 21, 1890	Dec. 29, 1899	8.99	9.59
Dougan, John Sleath	Aug. 2, 1891	Dec. 29, 1899	6.04	9.84
Downs, Russell Wellington	March 23, 1892	May 29, 1900	. .	. .
Duffy, Moscow	Oct. 2, 1891	May 29, 1900	6.42	9.65
Dumont, Frank Ruhl	Dec. 27, 1892	Jan. 31, 1901	. .	. .
Dunn, John Moore	Aug. 15, 1891	Sept. 26, 1899	7.48	8.42
Dunn, Thomas Hutchinson	Oct. 4, 1892	Sept. 25, 1900	. .	. .
Dyer, Walter Josiah	Sept. 22, 1889	Dec. 30, 1898	7.65	8.93
<b>Edelman, Allen Henry</b>	Sept. 27, 1891	Dec. 29, 1899	8.47	9.26
Edelman, Louis Albert	Oct. 26, 1890	Dec. 30, 1898	8.21	8.95
Ehlers, William Franklin	March 19, 1892	Sept. 25, 1900	. .	. .
Ely, Albert Lionel Merrill L.	Oct. 26, 1892	Jan. 31, 1901	. .	. .
Engquist, Carl John	Oct. 17, 1890	Dec. 30, 1898	7.99	9.41
Enz, Henry Christian	Feb. 10, 1891	Dec. 30, 1898	8.08	8.90
Ernst, Frederick Emil	Feb. 12, 1893	Jan. 31, 1901	. .	. .



## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Erskine, Henry Bradshaw	June 16, 1891	Dec. 29, 1899	7.55	7.90
Erskine, Robert Lockhart	June 16, 1891	Dec. 29, 1899	7.75	9.03
Evans, David William	Dec. 22, 1890	Dec. 29, 1899	8.58	9.56
Evans, Frederick	Dec. 2, 1890	May 31, 1899	8.04	9.11
Evans, Walter George	June 27, 1892	May 29, 1900	6.32	9.90
Eyre, Samuel	March 22, 1891	Sept. 26, 1899	8.53	9.70
Eyring, Henry Valentine	Oct. 17, 1890	May 29, 1900	7.02	8.17
<b>Farley, Bernard</b>	Dec. 8, 1890	May 31, 1899	9.64	8.71
Farrell, Edward	Jan. 26, 1893	Jan. 31, 1901	. .	. .
Ferrey, Harry Longshore	Sept. 13, 1892	Sept. 25, 1900	. .	. .
Ferris, John	Jan. 6, 1890	Dec. 30, 1898	7.89	9.04
Fetterolf, Earl Raymond	April 11, 1891	Dec. 29, 1899	8.20	7.69
Fewkes, Melvin Locke	April 25, 1892	May 29, 1900	8.65	9.00
Finley, George Albert	July 10, 1891	Dec. 29, 1899	6.09	9.12
Fizone, Joseph Earl	July 27, 1891	Sept. 26, 1899	7.55	9.19
Flanagan, John Daniel	Aug. 21, 1891	May 31, 1899	6.62	9.40
Flannery, Edmund	Nov. 15, 1890	Oct. 5, 1899	7.06	8.17
Fleming, Harry Gardner	July 30, 1889	Sept. 7, 1897	7.27	7.82
Flick, James Byron	May 17, 1891	Jan. 31, 1901	. .	. .
Floto, Oscar Jacob	Sept. 19, 1888	May 29, 1896	7.38	9.07
Foley, Dennis Joseph	March 25, 1889	Sept. 7, 1897	8.16	9.51
Ford, Edward James	Aug. 22, 1889	June 1, 1898	6.56	9.09
Ford, James Theodore	Aug. 16, 1891	May 29, 1900	7.41	9.00
Ford, Walter	Jan. 9, 1890	Jan. 8, 1900	7.29	9.33
Franke, Lewis Frederick	Oct. 27, 1891	Dec. 29, 1899	8.48	9.36
Frasch, Wm. Geo. Herbert	Jan. 29, 1891	Dec. 29, 1899	8.89	8.89
Fravel, Lester David	June 15, 1890	Dec. 30, 1898	7.35	9.77
Free, Ira Maxwell	Dec. 5, 1889	Dec. 30, 1898	7.91	9.23
Freeman, Henry Clay	Nov. 19, 1890	Sept. 25, 1900	. .	. .
Frey, Elmer Raymond	Sept. 6, 1892	Sept. 25, 1900	. .	. .
Frey, George Leonard	Feb. 10, 1892	May 29, 1900	9.58	9.85
Friday, Leroy Livingston	Nov. 22, 1890	May 29, 1900	7.75	9.98
Friedrich, John Henry	Sept. 20, 1891	Dec. 29, 1899	7.24	8.72
Frutchey, Clark	Feb. 24, 1891	Sept. 25, 1900	. .	. .
Frye, Clayton Ellwood	Sept. 27, 1889	Dec. 31, 1897	7.41	9.76
Frymyer, Howard	Aug. 27, 1890	Dec. 30, 1898	7.44	8.84
Futcher, Arthur Joseph	Feb. 11, 1891	Jan. 31, 1901	. .	. .
<b>Garner, Joseph L. F.</b>	Nov. 7, 1889	Dec. 31, 1897	7.54	8.73
Gavan, Francis Martin	Sept. 30, 1891	Jan. 31, 1901	. .	. .
Gehring, Edward Cornelius	Jan. 24, 1891	Dec. 30, 1898	8.70	9.49
Gehris, John	Jan. 24, 1890	June 1, 1898	6.50	8.15
Gehris, Paul Lafayette	March 28, 1890	June 1, 1898	6.43	8.09
Gerney, Ernest John	Jan. 24, 1890	June 1, 1898	7.77	8.34
Gibbons, Raymond Edward	April 4, 1892	Sept. 25, 1900	. .	. .
Giltinan, William Patrick	May 23, 1890	Sept. 26, 1899	7.02	8.66
Given, Albert Bailey	April 8, 1891	May 31, 1899	7.79	8.23
Given, Robert Anderson	Jan. 8, 1894	May 29, 1900	2.25	9.20
Gleason, Raymond	March 11, 1892	Jan. 31, 1901	. .	. .
Goldstein, Benjamin	April 22, 1892	Jan. 3, 1899	7.54	8.44
Golightly, William	June 8, 1890	Sept. 30, 1898	7.25	9.09
Goodman, Frederick H. M.	July 2, 1890	Dec. 29, 1899	7.55	8.18
Goodyear, Frederick Oliver	Dec. 10, 1891	Sept. 25, 1900	. .	. .
Gormley, John	Dec. 12, 1891	Dec. 29, 1899	5.19	8.30
Grady, Morris Max	April 12, 1891	May 29, 1900	8.04	8.69
Graham, William Ernest	May 3, 1891	May 31, 1899	8.22	9.36

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 177

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Gray, Thomas Alexander	April 25, 1892	May 29, 1900	6.12	7.07
Graybill, Warren Crawford	June 23, 1890	June 1, 1898	7.67	8.26
Green, Samuel	July 20, 1892	Sept. 25, 1900	..	..
Griffiths, David Ernest	July 16, 1892	Jan. 31, 1901	..	..
Groff, Ellis Percival	Dec. 20, 1891	Jan. 31, 1901	..	..
Groome, John Campbell	Jan. 4, 1891	Dec. 30, 1898	8.54	9.50
Gundlach, Jacob	Aug. 25, 1892	Sept. 25, 1900	..	..
<b>Hack, Frederick Philip</b>	Sept. 17, 1891	Sept. 26, 1899	7.40	9.13
Hagan, John	June 5, 1892	May 29, 1900	7.41	9.65
Hagerty, Paul Edward	June 9, 1890	Jan. 24, 1900	7.53	9.08
Hahn, August John	July 2, 1891	Dec. 29, 1899	6.06	9.60
Haist, Frederick Christian	Jan. 27, 1890	June 1, 1898	7.26	7.88
Haldeman, Charles Lamont	May 19, 1891	Jan. 31, 1901	..	..
Haldeman, George Widden	Sept. 9, 1891	May 29, 1900	7.55	9.35
Hall, James Theodore	June 6, 1892	May 29, 1900	9.08	9.77
Hamilton, John	Aug. 27, 1891	Dec. 31, 1897	6.39	7.40
Hamilton, Robert Leroy R.	Sept. 30, 1890	June 14, 1900	8.48	9.15
Hampton, Roy	April 5, 1891	May 29, 1900	7.08	9.72
Hanna, Charles Raymond	Feb. 14, 1892	Dec. 29, 1899	7.96	6.91
Harding, John Mitchell	Oct. 20, 1891	Jan. 31, 1901	..	..
Harrigan, John Conway	March 8, 1892	April 28, 1898	5.63	7.65
Harrigan, Robert John	Jan. 29, 1890	May 29, 1896	4.87	7.04
Harris, Benjamin	Oct. 29, 1887	Dec. 31, 1895	..	..
Harris, William Evan	Jan. 16, 1890	Dec. 29, 1899	8.35	9.14
Hart, Oscar Steinmetz	July 11, 1891	Jan. 31, 1901	..	..
Hartman, Eugene Edward	May 18, 1892	Jan. 31, 1901	..	..
Haüssler, Carl August F.	Dec. 8, 1892	May 29, 1900	7.74	9.90
Hawley, Charles Edward	Jan. 8, 1891	Dec. 30, 1898	7.87	8.83
Hazlitt, Henry Stuart	Nov. 28, 1894	Jan. 31, 1901	..	..
Heinz, Edward	June 12, 1891	May 31, 1899	7.04	9.20
Heller, Harry	Sept. 22, 1891	Jan. 31, 1901	..	..
Helliwell, William Edward	Jan. 9, 1891	Jan. 17, 1899	7.44	9.27
Hendricks, William Koch	Aug. 9, 1891	Sept. 25, 1900	..	..
Henly, John	April 25, 1890	Sept. 26, 1899	8.60	8.58
Herring, George Sewell	June 20, 1890	May 29, 1900	7.05	8.27
Herring, James	June 5, 1892	Jan. 31, 1901	..	..
Herrmann, William Gailey	March 11, 1891	May 31, 1899	6.06	8.90
Hess, John Haeflich	Jan. 4, 1892	Dec. 29, 1899	6.89	9.69
Hirk, William Winfield	Oct. 17, 1890	Oct. 25, 1898	5.73	8.88
Hoffman, Elmer Ellsworth	May 17, 1891	May 31, 1899	8.62	9.85
Hoover, Earl Francis	July 15, 1891	Sept. 26, 1899	6.84	9.19
Hopper, Thomas Crawl	Nov. 26, 1888	Sept. 9, 1897	8.49	9.32
Horle, Christian W.	Oct. 2, 1892	Jan. 31, 1901	..	..
Horle, William Christian	Feb. 21, 1891	Jan. 31, 1901	..	..
Horner, Henry William	Nov. 6, 1891	May 29, 1900	9.27	8.92
Howrie, Samuel	April 30, 1892	Sept. 25, 1900	..	..
Hoyler, Edward Herman	June 30, 1890	May 31, 1899	7.95	9.27
Hughes, David S.	Oct. 20, 1889	June 13, 1899	6.16	8.73
<b>Irvin, Walter William</b>	Jan. 20, 1889	Sept. 7, 1897	6.41	7.69
Irwin, Clarence Loughry	Jan. 31, 1892	Dec. 29, 1899	8.54	9.15
<b>Jaffe, Edward</b>	Sept. 21, 1893	May 29, 1900	7.06	8.24
James, Joseph	July 27, 1891	Jan. 31, 1901	..	..
Johnsen, Christian Ingomar	May 6, 1892	Jan. 31, 1901	..	..
Johnson, James Kennedy	Aug. 21, 1891	Dec. 29, 1899	8.49	9.22
Johnston, James Thomas	Dec. 29, 1890	Sept. 25, 1900	..	..

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Jolly, Robert Bruce	Jan. 2, 1890	June 1, 1898	7.74	8.89
Jones, Albert	Aug. 18, 1890	June 7, 1899	8.52	9.05
Jones, Harry Blyer	Feb. 11, 1890	Dec. 31, 1897	7.79	8.93
Jones, Isaac	July 2, 1890	May 29, 1900	9.07	10.00
<b>Kane, Thomas</b>	Sept. 29, 1892	Jan. 31, 1901	. .	. .
Kauffman, Victor Preston	March 31, 1889	Sept. 30, 1898	6.68	8.90
Keller, Charles	March 30, 1891	Jan. 12, 1899	7.00	8.66
Keller, George Albert	Nov. 18, 1889	Oct. 25, 1898	6.54	8.12
Kennedy, Thomas Joseph	May 26, 1891	May 31, 1899	8.95	8.96
Kensinger, William George	July 4, 1892	Jan. 31, 1901	. .	. .
Kenvin, Hartley	June 29, 1892	Sept. 25, 1900	. .	. .
Kenworthy, William F.	Oct. 27, 1892	Jan. 31, 1901	. .	. .
Keyser, Franklin	Jan. 29, 1891	May 31, 1899	7.17	9.05
Kimes, Edgar Hermann	July 22, 1892	May 29, 1900	4.15	9.14
King, Francis	Aug. 29, 1891	Sept. 26, 1899	4.97	8.92
King, John Earl	Jan. 13, 1892	Jan. 17, 1900	5.60	9.40
Kington, George Henry	Jan. 15, 1892	May 29, 1900	8.18	9.82
Kissinger, Howard Shenk	March 28, 1891	Jan. 31, 1901	. .	. .
Kitelman, Henry Allen	June 14, 1893	June 22, 1899	8.45	8.94
Kleinert, Clarence Chester	Nov. 12, 1891	May 29, 1900	7.76	8.57
Koch, Ernest Frederick	Dec. 1, 1890	Dec. 30, 1898	8.95	8.90
Koch, Julius	July 13, 1890	Dec. 29, 1899	7.55	8.58
Kohler, Mervin Howard	May 8, 1892	May 29, 1900	7.21	9.20
Koppel, Ferdinand	March 24, 1891	May 29, 1900	8.08	8.64
Koppel, John Hermann	Jan. 12, 1891	Jan. 6, 1900	7.47	7.28
Kotter, Joseph	May 7, 1892	May 29, 1900	8.96	9.15
Krauss, Edgar George	Sept. 27, 1890	May 29, 1900	7.16	7.85
Krewson, Purdy Helling	May 2, 1892	May 29, 1900	8.52	8.90
<b>Lake, Rowland Edward</b>	Sept. 8, 1890	Dec. 29, 1899	5.45	8.72
Latham, Forest Ellwood	April 2, 1891	May 29, 1900	8.16	10.00
Lax, Harry	Nov. 10, 1892	Feb. 16, 1900	8.99	9.31
Lehn, Martin Weidler	Dec. 5, 1891	Sept. 25, 1900	. .	. .
Leibgries, Paul Fey	Nov. 29, 1890	Sept. 30, 1898	7.18	9.75
Leister, Warren Leon	Aug. 23, 1889	Dec. 31, 1897	8.07	7.93
Liddell, Morgan Alexander	Jan. 1, 1890	May 31, 1899	8.74	9.07
Lingo, Elmer Paynter	Nov. 2, 1891	Dec. 29, 1899	7.74	8.60
Loney, Frederick Vanhorn	Feb. 2, 1890	Jan. 11, 1900	9.05	9.10
Long, Andrew Johnson	Dec. 16, 1892	Jan. 31, 1901	. .	. .
Long, Grover Victor	Oct. 12, 1892	Jan. 31, 1901	. .	. .
Longabaugh, George Wm.	Jan. 16, 1890	Dec. 29, 1899	7.20	7.68
Lord, Clifford Blaine	Oct. 6, 1891	Jan. 9, 1900	7.52	9.27
Loughery, James William	June 23, 1890	Dec. 29, 1899	5.69	9.03
Loughran, Frank	Feb. 16, 1891	May 29, 1900	7.13	9.17
Ludwig, George Washington	June 21, 1892	Jan. 31, 1901	. .	. .
Ludwig, James Albert	July 10, 1890	June 1, 1898	8.12	8.55
Lukens, George Alexander	Nov. 4, 1890	Dec. 30, 1898	8.71	8.15
<b>McBride, Edgar H.</b>	Sept. 22, 1892	Sept. 25, 1900	. .	. .
McCoy, Donald	May 15, 1893	Sept. 25, 1900	. .	. .
McDowell, Edward	July 20, 1891	Dec. 29, 1899	8.23	9.35
McFadden, Thomas	Sept. 4, 1892	Jan. 31, 1901	. .	. .
McGarvey, Bernard Francis	June 23, 1892	May 29, 1900	7.88	8.00
McGauhey, Harry Bruner	Oct. 21, 1890	Sept. 25, 1900	. .	. .
McGoldrick, Maurice	Aug. 29, 1891	Dec. 29, 1899	8.16	7.66
McGuire, John	Sept. 5, 1890	June 16, 1899	7.07	7.66
McKee, John Hamilton	Jan. 25, 1892	May 29, 1900	6.70	9.52

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 179

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
McLaren, John Harold	July 25, 1891	May 29, 1900	8.00	9.85
McLaughlin, Francis	Feb. 10, 1891	Dec. 29, 1899	8.50	8.69
McLean, Edward Irwin	Jan. 5, 1892	May 29, 1900	7.68	8.74
McMaster, Thomas Roy	May 28, 1892	May 29, 1900	8.01	9.25
McWilliams, Paul	Oct. 5, 1890	May 29, 1900	8.31	8.65
MacDonald, Harry Taggart	March 16, 1892	May 29, 1900	8.03	9.94
MacDonald, Henry	May 8, 1892	May 29, 1900	6.02	9.14
Mackin, Everett Allen	Feb. 26, 1890	May 31, 1899	7.84	9.56
Maihner, John Joseph	June 5, 1891	May 31, 1899	8.51	8.53
Manion, Joseph	Dec. 17, 1891	May 29, 1900	6.98	8.50
Manton, Frank Lorman	Sept. 16, 1892	Jan. 31, 1901	. .	. .
Manton, Thomas Frederick	Sept. 7, 1889	May 31, 1899	7.69	9.78
Marsh, Wm. R. P.	Sept. 13, 1889	Nov. 1, 1898	6.54	9.00
Martin, Frank Henry	July 17, 1891	Sept. 26, 1899	7.22	9.00
Martz, Ellwood Paul	Aug. 19, 1890	May 29, 1900	8.00	8.14
Mason, James	Oct. 30, 1890	Sept. 26, 1899	8.21	9.37
Matlack, John Dowlin	Oct. 29, 1891	Dec. 29, 1899	3.38	9.66
Matthews, Carl Miller	Aug. 1, 1891	Sept. 26, 1899	6.05	9.59
Matthews, James Frank	Sept. 22, 1889	June 1, 1898	5.15	8.89
Mattis, Henry	May 23, 1891	Jan. 31, 1901	. .	. .
Maurer, Jesse Cleaver	July 26, 1890	Sept. 30, 1898	6.69	8.67
Maurer, William Arlington	Dec. 12, 1892	Jan. 31, 1901	. .	. .
Maust, Harry Ray	Nov. 25, 1889	Sept. 15, 1898	6.77	8.71
Mehring, Edgar LeRoy	July 16, 1892	Sept. 25, 1900	. .	. .
Mendenhall, Hayes Cookson	Nov. 10, 1890	Sept. 25, 1900	. .	. .
Menges, William	Nov. 2, 1890	May 29, 1900	8.65	9.42
Miohener, Frederick Copley	Nov. 8, 1891	Jan. 31, 1901	. .	. .
Miles, James Lawrence	Nov. 28, 1890	Sept. 25, 1900	. .	. .
Miley, Clarence Kram	Oct. 30, 1892	Jan. 31, 1901	. .	. .
Miller, Alpha Raymond	March 31, 1892	May 29, 1900	9.59	8.87
Miller, Clifford Shuff	June 13, 1891	Jan. 31, 1901	. .	. .
Miller, Frank Spatz	Jan. 25, 1890	Jan. 9, 1900	7.91	9.87
Miller, John Earl	Feb. 1, 1891	May 29, 1900	8.70	9.72
Miller, Sanford Spatz	Sept. 2, 1891	Jan. 9, 1900	7.66	9.67
Milliken, George Winfield	June 20, 1891	Jan. 8, 1900	8.77	8.22
Mitchell, William Hughes	Aug. 6, 1892	Jan. 31, 1901	. .	. .
Molina, Frederick John	March 23, 1891	Sept. 25, 1900	. .	. .
Montgomery, Thomas P.	July 17, 1890	Dec. 29, 1899	7.93	8.61
Moore, Harvey Neall	Feb. 23, 1891	May 31, 1899	7.78	8.84
Moore, Henry Wislar	June 27, 1891	May 31, 1899	8.98	8.21
Moore, Jerome Cook	May 26, 1890	June 1, 1898	7.55	9.29
Moore, William Brooke	June 28, 1891	May 29, 1900	8.42	9.72
Moore, William Colbert	March 1, 1892	May 29, 1900	5.53	9.14
Morris, Charles Albert	April 18, 1891	Dec. 29, 1899	5.16	9.11
Morris, George Thorn	April 27, 1892	May 29, 1900	8.23	10.00
Morrissey, James	Aug. 31, 1892	Sept. 25, 1900	. .	. .
Morrison, David	Sept. 4, 1891	Sept. 26, 1899	9.41	9.26
Moulder, Roger Wilmer	Feb. 19, 1892	May 29, 1900	6.90	9.88
Müller, Frank Lawrence	May 9, 1890	Dec. 30, 1898	6.99	8.03
Myers, Albert Carter	Sept. 28, 1891	Jan. 31, 1901	. .	. .
Myers, Richard London	Aug. 22, 1890	Dec. 30, 1898	5.89	8.60
Myers, Samuel Schaum	Aug. 10, 1891	Sept. 25, 1900	. .	. .
Nagel, Harry Edward	July 27, 1891	May 31, 1899	8.99	8.97
Nash, William James	Jan. 23, 1891	May 31, 1899	7.97	7.90

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Nattress, Earl Russell	Sept. 24, 1888	Dec. 30, 1896	7.40	9.29
Neely, John	April 14, 1890	June 1, 1898	6.76	8.24
Nertney, Michael Francis	Jan. 18, 1888	June 11, 1895	6.49	9.40
Nessler, William Ernest	March 1, 1892	Dec. 30, 1898	9.06	8.46
Newman, Leroy Arthur	May 7, 1892	May 29, 1900	3.87	9.64
Newman, Robert Cliff	April 19, 1892	Sept. 25, 1900	. .	. .
Noll, Robert Henry	Oct. 3, 1891	Oct. 3, 1899	7.11	9.08
Norris, Walter Carl	June 17, 1892	Jan. 31, 1901	. .	. .
Nowland, Edward Joseph	Aug. 20, 1891	Dec. 29, 1899	8.69	8.07
Nye, John William	Aug. 21, 1890	Dec. 30, 1898	8.05	9.63
<b>O'Conner, Timothy E.</b>	Feb. 19, 1892	June 1, 1898	7.22	7.11
Oldroyd, Frederick	Oct. 17, 1892	Jan. 31, 1901	. .	. .
Oler, Henry John	June 23, 1889	May 31, 1899	6.85	8.22
Orr, Walter Raymond	Jan. 15, 1892	May 29, 1900	7.17	9.17
Orth, John Nicholas	March 14, 1889	Jan. 2, 1897	7.84	8.91
Osborn, Robert	Dec. 9, 1890	Dec. 30, 1898	7.24	8.85
Outen, Harry Walter	May 20, 1892	May 29, 1900	. .	. .
Overdorf, George William	May 26, 1891	Sept. 26, 1899	6.61	9.73
Overdorf, John Howard	Dec. 26, 1892	Jan. 31, 1901	. .	. .
Overdorf, Lewis Herbert	March 12, 1887	Dec. 30, 1896	5.87	7.75
<b>Pague, Ellsworth</b>	April 8, 1890	Dec. 30, 1898	6.90	9.31
Palmer, Samuel Henry	April 30, 1892	Jan. 31, 1901	. .	. .
Parncutt, Charles Harrison	April 22, 1889	Sept. 6, 1897	6.62	9.03
Parry, Howard	July 17, 1891	Sept. 26, 1899	8.12	9.49
Patterson, John Elton	Dec. 10, 1890	May 29, 1900	8.21	8.52
Patton, John William	Oct. 24, 1892	Jan. 31, 1901	. .	. .
Patton, William Earl	Aug. 19, 1890	May 29, 1900	6.03	9.70
Paxson, Earle Doan	May 17, 1892	Sept. 25, 1900	. .	. .
Peck, John Wildey	June 23, 1888	Dec. 30, 1896	7.80	9.00
Peck, Joseph Hottenstine	July 18, 1890	Dec. 29, 1899	8.13	9.19
Pfander, George Frederick	May 25, 1892	May 29, 1900	8.40	9.82
Plau, Mathias Adam	Aug. 8, 1889	June 1, 1898	7.67	6.46
Picton, Stanley	Aug. 2, 1891	Dec. 29, 1899	7.55	8.88
Plate, Nicholas Ernest	May 18, 1891	June 1, 1900	7.48	9.00
Pleiss, George Luther	Nov. 30, 1890	Sept. 30, 1898	7.65	8.65
Powell, Henry Joseph	Oct. 2, 1891	Sept. 26, 1899	8.49	9.47
Pownall, Thomas William	April 15, 1891	Jan. 31, 1901	. .	. .
Pressler, William	Jan. 29, 1891	May 29, 1900	7.48	8.12
Priester, George Washington	May 4, 1891	Dec. 29, 1899	4.78	6.10
<b>Quay, Walter Herbert</b>	Feb. 13, 1892	Dec. 29, 1899	9.32	9.80
<b>Ralsner, William Chas.</b>	June 28, 1891	Jan. 31, 1901	. .	. .
Ralston, Joseph	March 4, 1891	Sept. 6, 1897	6.69	8.27
Ramm, Augustus	Oct. 31, 1890	Dec. 30, 1896	8.45	8.28
Reade, Harry	Jan. 20, 1892	Dec. 29, 1899	4.63	9.17
Reckefus, Howard Joseph	June 25, 1891	Dec. 29, 1899	8.43	9.31
Rees, Alvern Luther	Nov. 10, 1889	May 31, 1899	6.46	7.60
Rendelman, Harry	June 9, 1891	Jan. 31, 1901	. .	. .
Reynolds, Oliver Christopher	Oct. 21, 1889	June 1, 1898	7.77	9.00
Richter, William Otto	Aug. 3, 1890	Dec. 29, 1899	9.03	8.85
Rieker, Charles	Dec. 18, 1890	June 13, 1900	. .	. .
Roegner, George Washingt'n	May 27, 1892	Sept. 26, 1899	4.50	8.00
Rommel, Albert Ludwig	April 13, 1892	Jan. 31, 1901	. .	. .
Roorbach, Agnew Oglevie	March 27, 1892	May 29, 1900	5.99	9.74
Roscoe, Frank	Nov. 22, 1892	Jan. 31, 1901	. .	. .
Rowe, Edward Griffiths	Jan. 12, 1891	Dec. 30, 1898	7.09	8.97

BOARD OF DIRECTORS OF CITY TRUSTS.—APPENDIX D. 181

FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Rupert, Flemuel Trumen	Sept 24, 1888	June 15, 1898	6.96	7.85
Rupert, Henry Bell	Dec. 29, 1889	June 15, 1898	6.95	9.00
Ruth, Charles Henry	Jan. 13, 1890	June 1, 1898	5.92	9.10
<b>Sanderson, John</b>	Feb. 23, 1891	Jan. 31, 1901	. .	. .
Santman, John	Dec. 12, 1889	Dec. 31, 1897	8.28	8.40
Sauter, Jacob	Dec. 15, 1891	Dec. 29, 1899	7.14	9.68
Schaffer, Monroe	Sept. 14, 1890	May 29, 1900	8.62	9.52
Schairer, Henry Theodore	Dec. 26, 1890	May 31, 1899	8.80	9.38
Scheiderer, William George	March 14, 1891	Sept. 25, 1900	. .	. .
Schindler, Norman Taylor	Sept. 23, 1890	Sept. 19, 1900	. .	. .
Schladensky, Charles C.	Feb. 17, 1892	Jan. 31, 1901	. .	. .
Schmidt, Aloysius	July 25, 1893	Sept. 26, 1899	6.96	9.00
Schofield, Isaac Bierly	Sept. 15, 1890	Sept. 30, 1898	7.58	7.98
Schwartz, Harry August	Dec. 5, 1889	Dec. 31, 1897	8.21	9.19
Schwarz, Henry Frederick	July 8, 1892	Jan. 31, 1901	. .	. .
Sehner, Fred'k Buckwalter	Aug. 17, 1891	Sept. 26, 1899	6.88	8.37
Seith, Fred'k Geiter Wm.	May 20, 1890	June 20, 1898	5.59	8.68
Seward, John Leroy	March 11, 1892	June 5, 1900	8.48	9.09
Sharp, Wm. Christian	May 15, 1891	Dec. 29, 1899	6.54	9.67
Shaw, Russel Christopher	June 13, 1889	May 31, 1899	7.86	8.81
Shaw, Williard Hartwell	June 22, 1891	May 31, 1899	7.52	9.51
Shearer, Andrew John A.	April 11, 1892	Sept. 25, 1900	. .	. .
Shields, James Wyatt	June 21, 1892	Sept. 25, 1900	. .	. .
Showers, Aaron Lybrian	Dec. 20, 1892	Jan. 31, 1901	. .	. .
Showers, Cecil Claire	Feb. 16, 1891	Jan. 9, 1900	7.25	8.28
Sibbet, Alfred	March 7, 1892	Jan. 31, 1901	. .	. .
Sigel, Ralph	Sept. 19, 1891	Dec. 29, 1899	6.54	8.73
Sinclair, Clifford	Oct. 5, 1892	Sept. 25, 1900	. .	. .
Sly, Robert Brown	Feb. 24, 1893	May 31, 1899	7.05	8.69
Smith, Albert Thomas	Aug. 25, 1891	Sept. 26, 1899	7.31	9.76
Smith, Christian Frederick	May 22, 1892	May 29, 1900	8.90	8.84
Smith, William Stanley	April 2, 1892	Jan. 31, 1901	. .	. .
Sontgen, Edward	April 25, 1892	Sept. 25, 1900	. .	. .
Sowers, Ellsworth	Jan. 8, 1892	Jan. 31, 1901	. .	. .
Spengler, Edward Firestone	Jan. 12, 1889	June 1, 1898	6.89	7.09
Spiece, Carl Frederick	Nov. 30, 1890	Dec. 30, 1898	6.99	9.17
Starr, Charles Wesley	Dec. 25, 1891	May 29, 1900	7.47	9.29
Steele, Robert Jay	April 8, 1892	Jan. 31, 1901	. .	. .
Stehle, John Warren	May 19, 1891	June 19, 1900	8.45	9.15
Steimle, Frederick Adolph	May 9, 1890	Sept. 26, 1899	7.72	9.43
Steinmetz, Elmer Herr	Nov. 25, 1888	Jan. 28, 1897	8.03	7.97
Stewart, Irvin Alexander	March 14, 1892	May 29, 1900	8.96	9.04
Stiess, Ernest William	Feb. 5, 1891	May 29, 1900	8.65	9.77
Stiles, Thomas Truxton	May 3, 1892	May 29, 1900	8.39	7.80
Stone, Raymond Joseph	Oct. 7, 1890	Oct. 3, 1898	8.20	7.80
Swan, Arthur Raymond	June 25, 1892	Jan. 31, 1901	. .	. .
Swingle, Ernest Monroe	Nov. 13, 1891	Jan. 9, 1900	5.45	9.34
<b>Taney, Wm. Randall</b>	July 22, 1887	Dec. 30, 1896	4.43	8.50
Teets, Robert	Aug. 29, 1891	Dec. 29, 1899	8.01	9.41
Templeton, John	March 29, 1893	Sept. 25, 1900	. .	. .
Thompson, Thomas Asbury	Jan. 12, 1892	Dec. 29, 1899	7.38	8.73
Tiffany, Robert Kessler	Jan. 18, 1891	May 29, 1900	7.22	9.42
Tonolla, Julius	June 13, 1891	May 31, 1899	7.86	8.56
Treaster, George James	Sept. 13, 1891	Sept. 26, 1899	7.85	8.57
Treaster, Harvey Reuben	Jan. 19, 1893	Jan. 31, 1901	. .	. .

## FIRST FORM.

<i>Name.</i>	<i>Date of Birth.</i>	<i>Date of Admission.</i>	<i>Scholarship.</i>	<i>Conduct.</i>
Triggs, Joseph Raphael	Dec. 29, 1890	Dec. 29, 1899	6.54	9.48
Troutman, Floyd Alvin	March 4, 1891	May 31, 1899	9.26	9.28
Uren, John Noble	April 14, 1891	Sept. 26, 1899	7.98	8.74
Vert, Leroy	Dec. 21, 1890	June 7, 1899	9.20	9.51
Voigt, Conrad Ferdinand	Oct. 13, 1891	Sept. 26, 1899	7.92	9.68
Wagner, Earl Van	Dec. 17, 1891	May 29, 1900	7.92	9.22
Wakeman, Richard Neil	April 27, 1891	June 15, 1900	8.47	9.55
Walb, Winfield Scott	Nov. 12, 1890	June 1, 1900	8.48	9.40
Wallis, William Stanley	May 3, 1891	May 29, 1900	9.09	9.90
Ward, Robert Bruce	June 22, 1891	June 14, 1900	8.38	9.27
Wardle, Harry Rhoads	June 16, 1890	May 29, 1900	9.66	9.92
Warfel, William Daniel	July 31, 1890	Sept. 26, 1899	5.73	9.63
Wear, Warren	Feb. 16, 1892	Dec. 29, 1899	6.92	8.47
Weber, Edward Lewis	July 28, 1891	May 29, 1900	8.90	8.87
Weiss, Harry Stanton	Sept. 14, 1891	Sept. 26, 1899	7.29	6.63
Werner, Frank Andrew	Dec. 5, 1889	Dec. 31, 1897	7.70	9.00
Werner, Jacob Herman	Nov. 25, 1891	Dec. 29, 1899	4.71	9.49
Wetzel, Adam Collier	Nov. 20, 1890	May 31, 1899	5.46	8.50
Weyerman, William Wallace	April 16, 1892	May 29, 1900	8.94	9.05
Weyman, Elmer	Sept. 8, 1888	Sept. 7, 1897	7.27	8.89
Whalen, George Philip	Dec. 14, 1889	June 1, 1898	9.00	7.70
Whirl, William Raymond	Dec. 25, 1891	Sept. 25, 1900	. .	. .
White, Oliver Wright	Aug. 30, 1890	June 19, 1900	7.99	8.77
Whiting, Joseph	Feb. 15, 1891	Jan. 31, 1901	. .	. .
Wigham, Wesley Eugene	June 26, 1891	Sept. 25, 1900	. .	. .
Williams, Harry Christmas	April 21, 1892	May 29, 1900	5.82	9.30
Williams, John Reese	Feb. 18, 1891	May 31, 1899	8.25	6.02
Willis, Thomas John	May 27, 1889	Feb. 11, 1898	6.25	8.57
Wills, Walter	June 2, 1889	June 1, 1898	9.10	7.45
Wilmer, Ervin Brandt	Feb. 3, 1891	Dec. 30, 1898	6.66	8.66
Wilson, James Edson	Feb. 6, 1889	Dec. 30, 1896	7.29	8.21
Winter, Henry Charles	July 8, 1890	May 31, 1899	7.73	8.12
Wintersteen, Howard	Nov. 12, 1890	Dec. 29, 1899	8.19	8.50
Wisner, John Millard	May 14, 1892	Jan. 31, 1901	. .	. .
Woloszyk, Leo Frank	Aug. 21, 1892	Jan. 31, 1901	. .	. .
Wooding, Raymond Adam	April 12, 1891	Jan. 31, 1901	. .	. .
Worrell, Leonard Simcox	Jan. 23, 1891	May 29, 1900	8.26	9.34
Wren, Ira Albert	Nov. 23, 1891	Jan. 31, 1901	. .	. .
Wright, Mahlon Milnor	Sept. 2, 1892	Sept. 25, 1900	. .	. .
Wylie, William	March 1, 1891	Jan. 31, 1901	. .	. .
Wynne, Edward	Jan. 29, 1892	June 14, 1900	7.75	9.54
Young, Ross Howard	Feb. 2, 1890	Dec. 29, 1899	7.44	9.45
Zaunmichell, Morris	Dec. 25, 1892	Jan. 31, 1901	. .	. .
Zoll, Howard Sloane	Feb. 4, 1891	Dec. 29, 1899	8.62	9.89

## SUMMARY.

Fourth Form . . . . .	157
Third Form . . . . .	432
Second Form . . . . .	479
First Form . . . . .	479
Total . . . . .	1547

## APPENDIX E.

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### REPORT OF THE SUPERINTENDENT OF ADMISSION AND INDENTURES, GIRARD COLLEGE.

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PHILADELPHIA, January 1st, 1901.

*To the Committee on Admission, Discipline, and Discharge :*

GENTLEMEN :—I herewith submit a summary of my journal during the year 1900 :—

Pupils admitted . . . . .	164
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Pupils dismissed :

College indentures canceled—

To accept positions . . . . .	186
-------------------------------	-----

On mother's plea of ability to support . . . . .	1
--	---

For physical disability . . . . .	2
-----------------------------------	---

For malconduct . . . . .	8
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— 197

Bound out . . . . .	2
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Eighteen years of age . . . . .	3
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Dismissed . . . . .	4
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— 9

Died . . . . .	6
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Total . . . . .	212
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A report of all pupils who were honorably discharged from the College during the years—

1894 . . . . .	373
1895 . . . . .	166
1896 . . . . .	145
1897 . . . . .	169
1898 . . . . .	236
1899 . . . . .	189
	<hr/>
	1278
	<hr/>

in number, is as follows :—

Employed, report favorable . . . . .	1116
“ “ fair . . . . .	5
“ “ unfavorable . . . . .	9
	<hr/>
	1130
Unemployed, report favorable . . . . .	66
“ “ fair . . . . .	7
“ “ unfavorable . . . . .	15
	<hr/>
	88
In other institutions . . . . .	5
Died . . . . .	24
No report . . . . .	31
	<hr/>
	1278
	<hr/>

Since all those who left the College in the year 1894 have been at least six years striving to obtain a start in the world, and as they are all, with the exception of seven, now twenty-one years of age, and a few are almost twenty-five, a very good estimate can be formed of their probable success hereafter. Nine are already in business for themselves, and others have positions requiring executive ability, correct judgment, and considerable experience.

Localities more or less remote continue to provide temporary or permanent homes for former pupils, viz.: England, France, Germany, and Cuba; New England, Georgia, and the Carolinas; Illinois, Nebraska, Colorado, California, and Hawaii. One even reached the remote Klondike region, but, after prospering for a time, was compelled to return to Vancouver without the gold he

had gone so far to seek. The army and navy, of course, enable others to visit various parts of the world, including the Philippine Islands, Nagasaki, Japan, and Tientsin, China.

So far as I have been informed but two deaths have occurred in all of this large number of graduates during the past year, viz.: One in his twentieth, the other in his twenty-second, year; both of consumption.

Of those reported as in the United States service the list is as follows:

Army . . . . .	34
Navy . . . . .	14
	—
	48
	=

Artillery, cavalry, and infantry are all represented; some are musicians and clerks, and two are in the hospital corps.

The naval list includes apprentices, marines, an able seaman, and a gunner; and one sailed recently on the "Alabama" as an electrician.

In addition to the above, two have been "invalided home" from the army; one from Manila, after an attack of fever in the Philippines, and who is now again employed, but with light duties only; and the other on account of a fall from his horse at Taku, China, resulting in an injury to his wrist, and who is now a student in a business college.

Of two who were in the navy and served the full term of enlistment, one is in the employ of the Pennsylvania Railroad Company, but the other has never fully recovered from his experience during the Santiago campaign. He has, however, been accorded and is now receiving a pension.

The number of pupils who left the College during the past year to accept positions was one hundred and eighty-eight, which included two who were indentured.

Of this total one hundred and thirty-three had places at the various dates of cancellation, *i. e.*, the stated meetings of the Board of Directors, and five were going to school, making one hundred and thirty-eight, in all, who were provided with employment, or about seventy-three per cent.

When it is considered that many do not go to their homes (sometimes hundreds of miles from the city) until within a few days of the cancellation and sometimes on the very day itself, and that most of them obtain situations shortly after reaching home, or may have had them prior to the meeting of the Board, but without having notified me, it can be seen that practically all pupils whose indentures are regularly canceled have positions at or very soon after leaving the College.

The various occupations of those reported to be employed are as follows:—

Agent . . . . .	1	<i>Brought forward</i> . . . . .	71
Air-brake tester . . . . .	1	Cashier . . . . .	5
Architect . . . . .	1	Caulker . . . . .	1
Baggage agent . . . . .	1	Cementer (ship) . . . . .	1
Bakery . . . . .	11	Chemist . . . . .	3
Barber . . . . .	4	Chocolate works . . . . .	3
Bicycle factory . . . . .	1	Chore boy . . . . .	2
Blacksmith . . . . .	4	Civil engineer . . . . .	2
Boilermaker . . . . .	3	Clerk . . . . .	259
Bolt works . . . . .	6	Coach builder . . . . .	1
Bookbinder . . . . .	1	Cocoanut sheller . . . . .	1
Box factory . . . . .	4	Coffee roaster . . . . .	1
Brakeman . . . . .	8	Collector . . . . .	2
Bricklayer . . . . .	2	Colliery . . . . .	16
Brickmaker . . . . .	1	Comb factory . . . . .	1
Bridge builder . . . . .	2	Conductor . . . . .	5
Broker (Custom House) . . . . .	1	Conveyancer . . . . .	1
Butcher . . . . .	1	Coremaker . . . . .	3
Cabinetmaker . . . . .	2	Cutler . . . . .	1
Candy factory . . . . .	4	Cutter (pattern) . . . . .	1
Canvasser . . . . .	1	“ (rubber) . . . . .	1
Car cleaner . . . . .	1	“ (stone) . . . . .	2
Cardboard factory . . . . .	1	Dental supplies m'f'y . . . . .	5
Carpenter (house) . . . . .	5	Draughtsman . . . . .	9
“ (ship) . . . . .	1	Driver . . . . .	31
Car works . . . . .	3	Drop forging . . . . .	1
<i>Carried forward</i> . . . . .	71	<i>Carried forward</i> . . . . .	429

<i>Brought forward</i> . . . . .	429	<i>Brought forward</i> . . . . .	608
Drug factory . . . . .	1	Leather factory . . . . .	10
Druggist . . . . .	4	Lineman . . . . .	2
Dyer . . . . .	6	Liquid air factory . . . . .	1
Electrician . . . . .	26	Lithographer . . . . .	2
Electroplate foundry . . . . .	1	Lock work . . . . .	2
Electroplating . . . . .	1	Machinist . . . . .	72
Electrotyping . . . . .	1	Manager . . . . .	5
Elevator operator . . . . .	9	Metal spinner . . . . .	1
Emerywheel factory . . . . .	1	Meter factory . . . . .	2
Engineer (stationary) . . . . .	6	Milkman . . . . .	9
Engraver . . . . .	4	Mill hand . . . . .	20
Errand or store boy . . . . .	32	Motorman . . . . .	1
Farmer . . . . .	23	Moulder . . . . .	9
File works . . . . .	3	Musician . . . . .	1
Fireman . . . . .	3	Nail works . . . . .	2
Fitter up (ship) . . . . .	1	Nurse . . . . .	1
Florist . . . . .	1	Office boy . . . . .	10
Furniture factory . . . . .	6	Oilcloth works . . . . .	2
Gardener . . . . .	1	Ophthalmologist . . . . .	1
Glass factory . . . . .	3	Organ builder . . . . .	1
Glove factory . . . . .	1	Packer . . . . .	8
Grocer . . . . .	3	Painter (coach) . . . . .	3
Hardware manufactory . . . . .	2	"    (house) . . . . .	3
Harness maker . . . . .	2	Paint works . . . . .	7
Hat factory . . . . .	9	Paper hanger . . . . .	6
Ice factory . . . . .	2	Pattern maker . . . . .	1
Ice wagon . . . . .	4	Physician . . . . .	1
Inspector (coal) . . . . .	1	Plumber . . . . .	10
Instrument maker . . . . .	2	Policeman . . . . .	1
Iron worker . . . . .	1	Polisher . . . . .	4
Japanner . . . . .	1	Printer . . . . .	29
Jeweler . . . . .	2	Ranchman . . . . .	2
Laborer . . . . .	13	Reporter . . . . .	2
Lamplighter . . . . .	1	Restaurant . . . . .	4
Laundry . . . . .	1	Rigger . . . . .	1
Lawyer . . . . .	1	Riveter . . . . .	2
<i>Carried forward</i> . . . . .	608	<i>Carried forward</i> . . . . .	846

<i>Brought forward</i> . . . . .	846	<i>Brought forward</i> . . . . .	1027
Rolling mill . . . . .	3	Superintendent (assistant) . . . . .	1
Roofer . . . . .	1	Surveyor . . . . .	2
Roundhouse . . . . .	1	Tailor . . . . .	2
Ruler (paper) . . . . .	1	Tannery . . . . .	1
Salesman . . . . .	47	Teacher . . . . .	2
Saw factory . . . . .	3	Telegraph operator . . . . .	3
Sawyer . . . . .	1	Telephone operator . . . . .	2
Scales works . . . . .	1	Tile manufactory . . . . .	1
Secretary . . . . .	1	Tile setter . . . . .	1
Seedsman . . . . .	1	Umbrella factory . . . . .	2
Segar maker . . . . .	7	Undertaker . . . . .	3
Sewing machine repairer, . . . . .	1	Upholsterer . . . . .	2
Sheet-metal work . . . . .	7	U. S. Army . . . . .	34
Shipper . . . . .	3	U. S. Navy . . . . .	14
Shirt factory . . . . .	2	Usher . . . . .	1
Shoe factory . . . . .	9	Varnisher . . . . .	1
Springmaker . . . . .	1	Wagon boy . . . . .	7
Steam fitter . . . . .	3	Warehouseman . . . . .	2
Steel works . . . . .	4	Watch case factory . . . . .	2
Stenographer . . . . .	51	Waterman . . . . .	1
Stockkeeper . . . . .	13	Weaver . . . . .	15
Student (business college) . . . . .	1	Wheel factory . . . . .	2
“ (civil engineer) . . . . .	2	Wire worker . . . . .	1
“ (divinity) . . . . .	3	Wood carver . . . . .	1
“ (medicine) . . . . .	2		
“ (school) . . . . .	12		1130
<i>Carried forward</i> . . . . .	1027		

Very respectfully yours,

JOHN S. BOYD,

*Superintendent of Admission and Indentures.*

## APPENDIX F.

# WILLS HOSPITAL AND MINOR TRUSTS.

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**SUPERINTENDENT,**

**GEORGE E. KIRKPATRICK,**  
Stephen Girard Building, Philadelphia.

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**WILLS HOSPITAL.**

(For list of officers of the Wills Hospital, see Appendix G.)

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**MARY SHIELDS ALMSHOUSE FUND.**

**WILLIAM H. WALLACE, M. D.,** *Visiting Physician,*  
103 North Thirty-fifth Street, Philadelphia.

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**BOUDINOT ESTATE, CENTRE COUNTY.**

**GEORGE R. BOAK,** *Agent,*  
Pine Glen, Centre Co., Pa.

# WILLS HOSPITAL AND MINOR TRUSTS.

## SUPERINTENDENT'S REPORT FOR 1900.

*To the Board of Directors of City Trusts.*

GENTLEMEN:—At this date the number of separate funds under the care of your Committee on Wills Hospital and Minor Trusts remains as reported one year ago—thirty-five. Their aggregate capital is now \$1,301,666.53, of which all but \$1,123.62 is invested in real estate, stocks, and bonds.

The total income collected during the year was .	\$57,431 81
Premium on bonds sold . . . . .	17,309 71
Receipts from legacies, donations, &c. . . . .	100 86
Principal of investments collected . . . . .	307,900 00
and the cash balance, January 1st, 1900, . . . . .	17,698 83
	<u>\$400,441 21</u>

Which has been expended for:—

Maintenance of Wills Hospital . . . . .	\$18,805 93
Relief of the sick and insane poor at the Alms-house . . . . .	5,223 33
Fuel distributed to the poor . . . . .	9,065 64
Food distributed to the poor . . . . .	765 00
Books for the public schools and the House of Correction, annuity to Southwark Library Company and repairs to Alfred Crease School . . . . .	824 72
Medals and premiums awarded to inventors and to graduates of the public schools . . . . .	638 00
Simon Muhr scholarships . . . . .	2,569 16
Taxes, repairs, and other expenses of real estate, . . . . .	1,609 77
Miscellaneous expenses . . . . .	1,684 46
Premiums and expenses of investment . . . . .	15,111 95
Investments . . . . .	318,700 00
	<u>374,997 96</u>
Cash balance, December 31st, 1900 . . . . .	\$25,443 25

At the WILLS HOSPITAL 13,739 patients were admitted for treatment, 735 in the wards and 13,004 in the clinics. The average number of patients supported in the wards was 44.

In April last, all the 6 per cent. loans of the city of Philadelphia belonging to the various minor trusts were sold to the Commissioners of the Sinking Fund, and in return Philadelphia City 3 per cent. loans were bought from the Commissioners, for the several trusts; sale and purchase being made upon a  $2\frac{7}{8}$  per cent. basis. The purpose of this transaction, from our point of view, is to be found in the fact that all the 6 per cent. bonds are of early maturity, falling due on or before July 1st, 1905, while none of the 3 per cent. bonds purchased mature before November 1st, 1919. The total amount of bonds sold in this transaction was \$211,050, and of bonds purchased, \$217,200.

The legacies and cash donations received during the year amounted to \$100.86, made up as follows:

Estate of Jane Allen Colhoun . . . . .	\$50 36
Sundry donors . . . . .	50 50
	<hr/>
	\$100 86

The following gifts were also received:

Holy Trinity Flower Mission . . . . .	Cut flowers every Friday.
Dr. P. N. K. Schwenk . . . . .	Two clocks for the wards.
Miss Wilson . . . . .	1 basket oranges.
Mrs. Barrow . . . . .	1 barrel apples.
H. C. Boden & Co. . . . .	20 quarts ice cream.
	15 pounds cakes.
George W. Killian . . . . .	1 turkey.
William F. Ulmer . . . . .	1 ham.
George Stang . . . . .	15 tongues.
John Rubison . . . . .	1 cake.

By his will, proved August 15th, 1900, Mr. George W. Gross, of Hillside, Montgomery County, Pennsylvania, after making several specific bequests, directed that the remainder should be invested for a term of five years from his decease (August 11th, 1900), and at the end of that time distributed among charitable institutions, among others the Wills Hospital. While there is as yet no definite data upon which to base an estimate of the amount to be received by the Wills Hospital, it is believed that this will be something between one thousand and two thousand dollars.



Mr. James T. Burke, of Chester, Pa., by his will, proved October 11th, 1900, has bequeathed to the Wills Hospital the sum of \$1000.

The following changes in the Surgical Staff have occurred:

Dr. J. W. Croskey, Attending Surgeon, and Dr. James Thornton, Assistant Surgeon, have resigned, and Drs. McCluney, Radcliffe (January, 1901), and William J. Hain have been appointed to fill the respective vacancies.

Drs. Clarence Van Epps and Frank C. Parker have been appointed Resident Surgeons, taking the place of Drs. Charles Lukens and Walter Bair Weidler, whose terms have expired.

Further details of the work at the Wills Hospital will be found in Appendix G.

The entire income of the JOHN BLEAKLEY YELLOW FEVER FUND having been expended in premiums on bonds purchased to replace investments matured or sold, nothing from this source was available for the use of the Wills Hospital.

From the income of the MARY SHIELDS ALMSHOUSE FUND \$5,223.33 has been expended in the usual manner, to "relieve and make more comfortable the sick and insane poor at the Alms-house."

The usual expenditure of the income of the JULIANA H. GOOD FUND in books for the library of the House of Correction has been authorized, but this authority having been given but a short time before the close of the year, the bills of the booksellers have not yet been received; hence, the statement of the cash expenditures includes nothing on this account in the year 1900.

Three hundred and forty-seven dollars and forty-six cents has been expended from the income of the STEPHEN GIRARD SCHOOL FUND in the purchase of four hundred and twenty-five volumes for the libraries of the public schools, all within the district prescribed by Mr. Girard. The books were distributed as follows:—

Northeast Grammar School . .	59 volumes, \$52 50
Locust Street Grammar School, 54	" 52 51
Northwest Grammar School . .	64 " 52 46
Horace Binney Grammar School, 53	" 52 50
U. S. Grant School . . . . .	53 " 52 49
Keystone Grammar School . .	142 " 85 00
	<u>425</u> <u>\$347 46</u>

Authority has been given to expend a portion of the accumulated income of the RITTENHOUSE SCHOOL FUND in certain much-needed repairs and improvements to the Alfred Crease School building, on Wissahickon Avenue above Walnut Lane, the most important being the erection of a dressing room for teachers. This improvement is now nearly completed.

On September 15th, 1900, the term of the scholarships from the SIMON MUHR FUND, held by Mr. Harold H. Tryon and Miss Adeline H. Jacobs, expired. Upon the recommendation of the Committee for Nominating Scholarships, that of Miss Adeline H. Jacobs was extended for a further term of two years, and a scholarship has been awarded to Mr. Frank Willis for a course in the Department of Arts, University of Pennsylvania, for a term of four years from September 15th, 1900, at \$400 per annum.

The JOHN SCOTT MEDALS AND PREMIUMS have been awarded, upon the recommendation of the Franklin Institute, to:—

- Robert J. Fisher, of Athens, Tenn., for his "Improvements in Book and Letter Typewriting Machines."
- Morris Moskowitz, of Newark, N. J., for his "Improved System of Car Lighting."
- Samuel J. Laughlin and James Hough, of Guelph, Ontario, Canada, for their "Drawing Tables."
- Chichester A. Bell and Sumner Taintner, of Washington, D. C., for their "Invention of the Graphophone."
- Andrew V. Groupe, of Philadelphia, Pa., for his "Improved Braiding Machine."
- Nevil Monroe Hopkins, of Washington, D. C., for his "Pneumatic System for Preventing the Bursting of Water Pipes by Freezing."

George A. Lowry, of Chicago, Ill., for his "Improved Press for Cotton, Wool, Jute," &c.

Magnus Swenson, of Columbia, Ind., for his "Round-lap Baling Cotton Compress."

William B. Wait, of New York, N. Y., for his "Machine for Tangible Writing for Touch Reading" (for the blind).

At the commencement exercises of the Girls' High School, held on June 12th, 1900, the HANNAH M. DODD MEDALS were awarded as follows:—

#### GOLD MEDALS.

Classical Course, to Miss Clara L. Wade.

Commercial " " " Elvira Niederman.

#### SILVER MEDALS.

Classical Course, to Miss Amy L. Clapp.

Commercial " " " Daisy A. Boulden.

No loans have been made during the year from the funds provided by DR. BENJAMIN FRANKLIN and MR. JOHN SCOTT.

The assets of the BENJAMIN FRANKLIN FUND now amount to \$136,644.90, of which \$104,309.98 is applicable to the erection of the proposed Art Gallery in Fairmount Park.

Under the terms of the wills creating the various FUEL FUNDS, 1944 tons of coal have been distributed, at a cost to the trust funds of \$9,065.64, as follows:—

Fund.	Tons.	Cost.
George Emlen . . . . .	59	\$293 08
City . . . . .	66½	325 85
James Dutton . . . . .	40	197 60
Elias Boudinot . . . . .	147	411 60
Stephen Girard . . . . .	80	392 00
Esther Waters . . . . .	76½	374 85
Paul Beck . . . . .	114½	561 05
Spring Garden . . . . .	30	148 61
Thomas D. Grover . . . . .	1,111	5,266 14
J. J. Snyder . . . . .	85½	423 99
Mary Shields . . . . .	60½	306 16
Seybert . . . . .	73½	364 71
Total . . . . .	1,944	<u>\$9,065 64</u>

The annuity of \$300, devised by MR. THOMAS D. GROVER to the Southwark Library Company, has been paid.

The income of the PAUL BECK SOUP FUND, amounting to \$465, has been paid to the Western Soup Society, and the specific bequest provided in the will of THOMAS D. GROVER, of \$300, was paid, as usual, to the Southwark Soup Society.

June, 1900, was a most disastrous month in the history of the work of forest culture on the lands of the estate of ELIAS BOUDINOT. Forest fires, which we are convinced were of incendiary origin, broke out at a number of points within the protected territory, and the condition of the woods being most favorable to the spread of fire, a large proportion of the young timber was soon destroyed. Portions of the young timber growing in specially-favored localities escaped this destruction, and the larger timber was injured only in the growth of the current year, the trees not being killed. The damage on the Boudinot Estate is estimated at \$8000 to \$10,000.

The cost of the general management of the Minor Trusts has amounted in 1900 to \$2,699.70, being .0021005 upon the invested capital.

Statements showing the invested capital, cash receipts, and cash payments of each of the Minor Trusts are appended hereto.

Very respectfully,

GEO. E. KIRKPATRICK,  
*Superintendent Minor City Trusts.*

PHILADELPHIA, December 31st, 1900.



# DETAILED STATEMENT

OF THE

## INVESTED CAPITAL

AT PAR VALUES OF STOCKS AND LOANS

DECEMBER 31st, 1900,

AND

## CASH RECEIPTS AND PAYMENTS

DURING THE YEAR 1900

OF THE

## MINOR TRUSTS

OF THE

CITY OF PHILADELPHIA.

## HOSPITALS.

## WILLS HOSPITAL.

Founded 1825.

Race Street, west of Eighteenth Street.

"For the relief of the Indigent Blind and Lame," where persons afflicted with the Diseases of the Eye and Limb will be treated free of charge, and, when requisite, admitted into the Hospital; preference being given, under the Will, to persons residing in Philadelphia and its neighborhood.

## Invested Capital, December 31st, 1900.

Hospital grounds and buildings . . . . .	\$150,000 00
Philadelphia City 4 per cent. loan . . . . .	32,900 00
"        3½    "        . . . . .	24,200 00
"        3        "        . . . . .	52,200 00
Pittsburgh City 7 per cent. loan . . . . .	1,000 00
"        6        "        . . . . .	2,300 00
"        4        "        . . . . .	22,000 00
Bonds and mortgages . . . . .	267,000 00
Ground rents . . . . .	2,950 00
	<hr/>
	\$554,550 00

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

## Income:—

Interest Philadelphia City loan . . . . .	\$5,766 00
"    Pittsburgh City loan . . . . .	1,088 00
"    bonds and mortgages . . . . .	12,046 78
"    bank account . . . . .	34 68
Ground rents . . . . .	156 50
Sale of sundries, at Hospital . . . . .	76 16
	<hr/>
	\$19,168 12

## Legacies and donations:—

Estate of Jane Allen Colhoun . . . . .	\$50 36
Sundry donors . . . . .	50 50
	<hr/>
	100 86

*Amount carried forward* . . . . . \$19,268 98

## HOSPITALS.

## WILLS HOSPITAL.

<i>Amount brought forward</i> . . . . .	\$19,268 98
Principal of investments collected :—	
Philadelphia City loan . . . . .	\$70,250 00
Bonds and mortgages . . . . .	12,000 00
	<hr/>
	82,250 00
Premium on bonds sold . . . . .	5,588 57
	<hr/>
	\$107,107 55
<i>Cash balance, January 1st, 1900 (overdrawn)</i> . . . . .	68 24
	<hr/>
	\$107,039 31

## PAYMENTS.

Maintenance :—	
Wages . . . . .	\$5,061 38
Subsistence . . . . .	6,652 38
Dry goods . . . . .	409 05
Furniture . . . . .	596 79
Sundry house expenses . . . . .	2,834 49
Library . . . . .	34 50
Medical expenses . . . . .	1,442 97
Repairs . . . . .	419 04
Miscellaneous expenses . . . . .	1,355 33
	<hr/>
	\$18,805 93
Investments :—	
Philadelphia City loan . . . . .	\$52,600 00
Pittsburgh City loan . . . . .	22,000 00
Bonds and mortgages . . . . .	7,900 00
	<hr/>
	82,500 00
Premium and expenses of investments . . . . .	4,815 15
	<hr/>
	106,121 08
<i>Cash balance, December 31st, 1900</i> . . . . .	\$918 23
	<hr/>



## HOSPITALS.

## JOHN BLEAKLEY FUND.

Created 1802.

(YELLOW FEVER FUND.)

"To relieve those who may be reduced to the necessity of being placed in the hospital during the existence of yellow fever."

The Income of this Trust is transferred to the use of Wills Hospital, under certain restrictions, by Act of Assembly of Pennsylvania, approved April 16th, 1838.

## Invested Capital, December 31st, 1900.

Philadelphia City 3½ per cent. loan . . . . .	\$2,000 00
" 3 " . . . . .	1,100 00
Pittsburgh City 4 " . . . . .	9,000 00
Pennsylvania Railroad Company stock (9 shares) . . . . .	450 00
	<u>\$12,550 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$404 50
" Pittsburgh City loan . . . . .	360 00
Dividend Pennsylvania Railroad Company stock . . . . .	26 45
Interest bank account . . . . .	6 15
	<u>\$797 10</u>
Principal of investments collected:—	
Philadelphia City loan . . . . .	10,350 00
Premium on bonds sold . . . . .	309 96
	<u>\$11,457 06</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$26 36
Investments:—	
Philadelphia City loan . . . . .	\$1,300 00
Pittsburgh City loan . . . . .	9,000 00
Pennsylvania Railroad Company stock, . . . . .	50 00
	<u>10,350 00</u>
Premium and expenses of investments . . . . .	1,546 18
	<u>11,922 54</u>
Cash balance, December 31st, 1900 (overdrawn) . . . . .	<u>\$465 48</u>

## HOSPITALS.

## MARY SHIELDS ALMSHOUSE FUND.

Created 1880.

"To relieve and make more comfortable the sick and insane poor at the Almshouse in  
"Philadelphia."

## Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . .		\$8,400 00
" 3½ " . . . . .		5,700 00
" 3 " . . . . .		16,200 00
Pittsburgh City 4 per cent. loan . . . . .		4,400 00
Allegheny City 4 per cent. loan . . . . .		4,000 00
Pennsylvania State 4 per cent. loan . . . . .		1,200 00
North Carolina State 6 per cent. loan . . . . .		1,000 00
Girard National Bank stock . . . . . 10 shares		400 00
Manufacturers' National Bank stock . . . . . 2 "		200 00
Commercial National Bank stock . . . . . 6 "		90 00
National State Bank of Camden stock . . . . . 7 "		350 00
Pennsylvania Railroad Company stock . . . . . 136 "		6,800 00
North Pennsylvania Railroad Company stock . . . . . 54 "		2,700 00
Lehigh Valley Railroad Company stock . . . . . 53 "		2,650 00
Nesquehoning Valley Railroad Company stock . . . . . 33 "		1,650 00
Delaware and Bound Brook Railroad Company stock . . . . . 8 "		800 00
Lehigh Coal and Navigation Company stock . . . . . 9 "		450 00
Fredericksburg and Gordonsville Railroad Company bond . . . . .		1,000 00
Bonds and mortgages . . . . .		33,550 00
Ground rent, 1338 North Second Street . . . . .		1,333 33
House and lot, 1144 South Sixteenth Street . . . . .		2,400 00
Lot of ground, Edgmont Street . . . . .		500 00
		<u>\$95,773 33</u>

## HOSPITALS.

## MARY SHIELDS ALMSHOUSE FUND.

Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$1,583 00	
" Pittsburgh City loan . . . . .	176 00	
" Pennsylvania State loan . . . . .	48 00	
" United States loan . . . . .	3 00	
" Allegheny City loan . . . . .	160 00	
" bonds and mortgages . . . . .	1,431 72	
" bank account . . . . .	106 79	
Dividend Girard National Bank stock . . . . .	40 00	
" National State Bank of Camden stock, . . . . .	31 33	
" Manufacturers' National Bank stock . . . . .	10 00	
" Pennsylvania Railroad Company stock, . . . . .	400 85	
" North Pennsylvania R. R. Co. stock, . . . . .	216 00	
" Nesquehoning Valley R. R. Co. stock, . . . . .	82 50	
" Del. and Bound Brook R. R. Co. stock, . . . . .	64 00	
" Lehigh Coal and Navigation Co. stock, . . . . .	24 75	
Ground rent . . . . .	80 00	
Rent of real estate . . . . .	215 00	
		\$4,672 94
Principal of investments collected:—		
Philadelphia City loan . . . . .	\$19,250 00	
United States 4 per cent. loan . . . . .	300 00	
Bond and mortgage . . . . .	5,000 00	
		24,550 00
Premium on bonds sold . . . . .		1,107 38
Cash balance, January 1st, 1900 . . . . .		3,798 72

## PAYMENTS.

Salary of visiting physician . . . . .	\$700 00	
Furniture, pictures, &c. . . . .	419 12	
Books, games, musical instrum'ts, &c. . . . .	443 59	
Amusements . . . . .	1,091 26	
Improvement of diet . . . . .	1,134 47	
Material for making mattresses . . . . .	1,434 89	
		\$5,223 33
Expenses of real estate . . . . .	\$84 05	
Miscellaneous expenses . . . . .	201 16	
		285 21
Investments:—		
Philadelphia City loan . . . . .	\$13,500 00	
Allegheny City loan . . . . .	800 00	
Pennsylvania Railroad Co. stock . . . . .	650 00	
Bonds and mortgages . . . . .	5,500 00	
		20,450 00
Premium and expenses of investment . . . . .	536 77	
		26,495 31
Cash balance, December 31st, 1900 . . . . .		\$7,633 73

## HOUSE OF CORRECTION AND ALMSHOUSE.

## WILLIAM CARTER FUND.

Created 1739.

Income "To and for ye use and Service of ye alms houses belonging to ye sd City  
" (Philadelphia), and for ye reliefe of ye poor people in the Same forever."

## Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . .	\$50 00
" 3½ " . . . . .	50 00
" 3 " . . . . .	1,000 00
Ground rent . . . . .	74 00
	<hr/>
	\$1,174 00

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$44 26
" bank account . . . . .	94
Ground rent . . . . .	8 88
	<hr/>
	\$54 08
Principal of investments collected :—	
Philadelphia City loan . . . . .	350 00
Premium on bonds sold . . . . .	33 95
Cash balance, January 1st, 1900 . . . . .	67 89
	<hr/>
	\$505 92

## PAYMENTS.

Miscellaneous expenses . . . . .	\$2 36
Investments :—	
Philadelphia City loan . . . . .	400 00
Premium and expenses of investment . . . . .	12 46
	<hr/>
	414 82
Cash balance, December 31st, 1900 . . . . .	\$91 10

## HOUSE OF CORRECTION AND ALMSHOUSE.

## ANN ARMITT FUND.

Created 1797.

" To the Overseers of the poor or the Managers of the Bettering House."

## Invested Capital, December 31st, 1900.

Ground rent, southeast corner Fifth and Plum Streets . . . . .	\$300 00
Philadelphia City 3½ per cent. loan . . . . .	100 00
"          4          " . . . . .	50 00
	<u>\$450 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Ground rent . . . . .	\$18 00	
Interest Philadelphia City loan . . . . .	5 50	
"    bank account . . . . .	45	
		<u>\$23 95</u>
Cash balance, January 1st, 1900 . . . . .		36 92
		<u>\$60 87</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	95	
Cash balance, December 31st, 1900 . . . . .	\$59 92	
		<u>==</u>

## HOUSE OF CORRECTION AND ALMSHOUSE.

## JULIANA H. GOOD FUND.

Created 1876.

"Toward the maintenance of a House of Correction in said City" (Philadelphia).

## Invested Capital, December 31st, 1900.

Philadelphia City 3½ per cent. loan . . . . .	\$100 00
"          3          "          . . . . .	2,200 00
Penna. State 4          "          . . . . .	700 00
	<hr/>
	\$3,000 00
	<hr/>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$119 50
"    Pennsylvania State loan . . . . .	14 00
"    bank account . . . . .	62
	<hr/>
	\$134 12
Principal of investments collected:—	
Philadelphia City loan . . . . .	2,000 00
Premium on bonds sold . . . . .	126 26
Cash balance, January 1st, 1900 . . . . .	21 11
	<hr/>
	\$2,281 49

## PAYMENTS.

Miscellaneous expenses . . . . .	\$6 30
Investments:—	
Philadelphia City loan . . . . .	\$1,300 00
Pennsylvania State loan . . . . .	700 00
	<hr/>
	2,000 00
Premium and expenses of investment . . . . .	120 88
	<hr/>
	2,127 18
Cash balance, December 31st, 1900 . . . . .	\$154 31
	<hr/>

## SCHOOLS.

## ROBERTS SCHOOL FUND.

Created 1763.

"For a Public School for the Instruction of the Children & other Inhabitants of the  
 "said (Bristol) Township, & the Northern Liberty & Oxford Township, or any Meeting  
 "the sd Township shall have Occasion as the said Trustees shall think fit Provided it  
 "dont interfere or interrupt the said School."

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . . \$100 00

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$6 00	
" bank account . . . . .	<u>2 77</u>	\$8 77
Principal of investments collected :—		
Philadelphia City loan . . . . .		100 00
Premium on bonds sold . . . . .		12 53
Cash balance, January 1st, 1900 . . . . .		<u>209 94</u>
		\$331 24

## PAYMENTS.

Miscellaneous expenses . . . . .	\$0 21	
Investments :—		
Philadelphia City loan . . . . .	100 00	
Premium and expenses of investment . . . . .	<u>3 12</u>	103 33
Cash balance, December 31st, 1900 . . . . .		<u>\$227 91</u>

## SCHOOLS.

## STEPHEN GIRARD SCHOOL FUND.

Created 1831.

"For the use of the schools upon the Lancaster system, in the first section of the first  
"school district of Pennsylvania."

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . .	\$5,000 00
Bonds and mortgages . . . . .	5,000 00
	<u>\$10,000 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$258 00	
" bonds and mortgages . . . . .	225 00	
" bank account . . . . .	11 68	
		\$494 68
Principal of investments collected :—		
Philadelphia City loan . . . . .	5,000 00	
Premium on bonds sold . . . . .	58 35	
Cash balance, January 1st, 1900 . . . . .	139 19	
		<u>\$5,692 22</u>

## PAYMENTS.

Library books for public schools . . . . .	\$347 46	
Miscellaneous expenses . . . . .	22 50	
		\$369 96
Investments :—		
Philadelphia City loan . . . . .	5,000 00	
Premium and expenses of investment . . . . .	155 75	
		<u>5,525 71</u>
Cash balance, December 31st, 1900 . . . . .		<u>\$166 51</u>



## SCHOOLS.

## RITTENHOUSE SCHOOL FUND.

Created 1839.

Income to be applied "to advance the education of the 'children of the vicinity' of the  
"old Rittenhouse Academy" (Roxborough).

## Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . .	\$1,000 00
" 3½ " . . . . .	25 00
" 3 " . . . . .	2,600 00
Pittsburgh City 4 per cent. loan . . . . .	200 00
	<u>\$3,825 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$133 88	
" Pittsburgh City loan . . . . .	8 00	
" bank account . . . . .	22 52	
		\$164 40
Principal of investments collected :—		
Philadelphia City loan . . . . .	500 00	
Premium on bonds sold . . . . .	30 48	
Cash balance, January 1st, 1900 . . . . .	1,689 32	
		<u>\$2,384 20</u>

## PAYMENTS.

Repairs to Alfred Crease School . . . . .	\$177 26	
Miscellaneous expenses . . . . .	8 03	
		\$185 29
Investments :—		
Philadelphia City loan . . . . .	500 00	
Premium and expenses of investment . . . . .	15 58	
		700 87
Cash balance, December 31st, 1900 . . . . .		<u>\$1,683 33</u>

## SCHOOLS.

## SIMON MUHR SCHOLARSHIP FUND.

Created 1896.

"For the promotion of the welfare of children attending the Public Schools of the City  
"of Philadelphia."

**Invested Capital, December 31st, 1900.**

Philadelphia City 3 per cent. loan . . . . .	\$10,800 00
Bonds and mortgages . . . . .	56,100 00
	<u>\$66,900 00</u>

**Cash Receipts and Payments, January 1st to December 31st, 1900.**

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$324 00	
" Pittsburgh " . . . . .	300 00	
" Allegheny " . . . . .	80 00	
" mortgage loans . . . . .	2,124 52	
" bank account . . . . .	56 74	
	<u></u>	\$2,885 26

## Principal of investments collected :—

Philadelphia City loan . . . . .	\$600 00	
Allegheny " . . . . .	8,800 00	
Pittsburgh " . . . . .	15,000 00	
	<u></u>	24,400 00

Premium on bonds sold . . . . .	2,154 92
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<i>Cash balance, January 1st, 1900 (overdrawn) . . . . .</i>	<u>475 66</u>
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## PAYMENTS.

	\$28,964 52
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## Scholarships :—

Harold H. Tryon . . . . .	\$265 00
Corinne Sickel . . . . .	410 00
DeWitt D. Barlow . . . . .	400 00
Hannah T. Rowley . . . . .	515 00
Edward I. Nathans . . . . .	420 83
Adeline H. Jacobs . . . . .	420 83
Frank Willis . . . . .	137 50

Miscellaneous expenses . . . . .	140 15
	<u>\$2,709 31</u>

## Investments :—

Bonds and mortgages . . . . .	\$9,000 00
Philadelphia City loan . . . . .	600 00
Pittsburgh " . . . . .	15,000 00
	<u>24,600 00</u>

Premium and expenses of investments . . . . .	<u>1,575 25</u>
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<i>Cash balance, December 31st, 1900 . . . . .</i>	<u>\$79 96</u>
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## MEDALS.

## JOHN SCOTT MEDAL FUND.

Created 1816.

Income to "be laid out in premiums to be distributed among ingenious men and "women who make useful inventions; \* \* \* and along with which shall be given a "copper medal."

## Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . .	\$1,750 00
" 3½ " . . . . .	4,650 00
" 3 " . . . . .	36,900 00
Pittsburgh City 4 per cent. loan . . . . .	1,000 00
Pennsylvania State 4 per cent. loan . . . . .	1,750 00
Allegheny City 4 per cent. loan . . . . .	5,000 00
Allegheny County 5 per cent. loan . . . . .	1,000 00
Bonds and mortgages . . . . .	13,300 00
	<u>\$65,350 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$2,011 76
" Pennsylvania State loan . . . . .	70 00
" Pittsburgh City loan . . . . .	40 00
" Allegheny City loan . . . . .	160 00
" Allegheny County loan . . . . .	50 00
" bonds and mortgages . . . . .	598 50
" bank account . . . . .	54 94
Miscellaneous receipts . . . . .	8 50
	<u>\$2,993 70</u>
Principal of investment collected:—	
Philadelphia City loan . . . . .	26,050 00
Premium on bonds sold . . . . .	652 33
Cash balance, January 1st, 1900 . . . . .	815 01

## PAYMENTS.

Premiums paid to inventors . . . . .	\$180 00
Advertising, engraving cases, &c. . . . .	428 50
Miscellaneous expenses . . . . .	131 07
	<u>\$739 57</u>
Investments:—	
Philadelphia City loan . . . . .	\$27,000 00
Allegheny City loan . . . . .	2,000 00
	<u>29,000 00</u>
Premium and expenses of investments . . . . .	1,032 65
	<u>30,772 22</u>
Cash balance, December 31st, 1900 (overdrawn) . . . . .	<u>\$261 18</u>

## MEDALS.

## HANNAH MATILDA DODD FUND.

Created 1872.

Income "to procure gold and silver medals to be presented to the most distinguished  
"graduate of the Girls' High School, with their name and year of graduating engraved  
"thereon."

Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . .	<u>\$1,100 00</u>
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## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$66 00	
"    bank account . . . . .	2 91	
	<u>          </u>	\$68 91
Principal of investments collected:—		
Philadelphia City loan . . . . .		1,100 00
Premium on bonds sold . . . . .		92 30
Cash balance, January 1st, 1900 . . . . .		205 75
		<u>\$1,466 96</u>

## PAYMENTS.

Medals and engraving . . . . .	\$29 50	
Miscellaneous expenses . . . . .	2 31	
	<u>          </u>	\$31 81
Investments:—		
Philadelphia City loan . . . . .	1,100 00	
Premium and expenses of investment . . . . .	34 27	
	<u>          </u>	1,166 08
Cash balance, December 31st, 1900 . . . . .		<u>\$300 88</u>

## MEDALS.

## OBADIAH WHEELOCK FUND.

Created 1887.

Income "to be awarded semi-annually, forever in Cash (not to be consolidated with any other prize), either in coin, or United States currency, to a Meritorious Scholar of "The Girls' Normal School of the City of Philadelphia."

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent loan . . . . .	\$200 00
Deposit Philadelphia Saving Fund . . . . .	40 00
	<u>\$240 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$10 00	
" bank account . . . . .	57	\$10 57
Principal of investments collected :—		
Philadelphia City loan . . . . .	150 00	
Premium on bonds sold . . . . .	11 13	
Cash balance, January 1st, 1900 . . . . .	42 52	
		<u>\$214 22</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$0 40	
Investments :—		
Philadelphia City loan . . . . .	200 00	
Premiums and expenses of investment . . . . .	6 23	
		<u>206 63</u>
Cash balance, December 31st, 1900 . . . . .		<u>\$7 59</u>

## LOANS TO ARTIFICERS.

## BENJAMIN FRANKLIN FUND.

Created 1790.

To be loaned to Young Married Artificers under the age of thirty-five years, who have served an apprenticeship in Philadelphia and faithfully fulfilled the duties required in their indentures, and who will furnish two satisfactory securities for the return of the money in ten annual instalments, with interest at 5 per cent.

At the expiration of one hundred years,  $\frac{1}{100}$  of the accumulated fund is to be expended "in Public Works which may be judged of most general utility to the Inhabitants, such as Fortifications, Bridges, Aqueducts, Public-Buildings, Baths, Pavements, or whatever may make living in the Town more convenient to its People and render it more agreeable to Strangers, resorting thither for Health or a temporary residence."

## Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . .	\$10,200 00
" 3½ " . . . . .	10,900 00
" 3 " . . . . .	60,100 00
Pittsburgh City 5 per cent. loan . . . . .	2,000 00
" 4 " . . . . .	2,800 00
Bonds and mortgages . . . . .	50,500 00
	<u>\$136,500 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$3,695 50
" Pittsburgh City loan . . . . .	192 00
" bonds and mortgages . . . . .	2,242 50
" bank account . . . . .	82 00
Miscellaneous receipts . . . . .	23 62
	<u>\$6,235 62</u>
Principal of investments collected:—	
Philadelphia City loan . . . . .	41,100 00
Premium on bonds sold . . . . .	2,057 80
Cash balance, January 1st, 1900 . . . . .	246 14
	<u>\$49,639 56</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$272 86
Investments:—	
Philadelphia City loan . . . . .	\$46,700 00
Pittsburgh " . . . . .	1,000 00
	<u>47,700 00</u>
Premium and expenses of investment . . . . .	1,521 80
	<u>49,494 66</u>
Cash balance, December 31st, 1900 . . . . .	<u>\$144 90</u>

## LOANS TO ARTIFICERS.

## JOHN SCOTT LOAN FUND.

Created 1816.

To be applied to the same purposes as the legacy of Dr. Benjamin Franklin.

## Invested Capital, December 31st, 1900.

Philadelphia City 3½ per cent. loan . . . . .	\$2,000 00
“ 3 “ . . . . .	19,800 00
Pittsburgh City 4 “ . . . . .	5,000 00
Bonds and mortgages . . . . .	4,900 00
	<u>\$31,700 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$1,004 50
“ Pittsburgh City loan . . . . .	180 00
“ Allegheny County loan . . . . .	40 00
“ bonds and mortgages . . . . .	223 76
“ bank account . . . . .	20 74
“ loans to artificers . . . . .	5 54
Miscellaneous receipts . . . . .	23 62
	<u>\$1,498 16</u>
Principal of investments collected:—	
Philadelphia City loan . . . . .	\$13,250 00
Allegheny County loan . . . . .	1,000 00
	<u>14,250 00</u>
Premium on bonds sold . . . . .	477 11
Cash balance, January 1st, 1900 . . . . .	280 03
	<u>\$16,505 30</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$63 00
Investments:—	
Philadelphia City loan . . . . .	\$15,000 00
Pittsburgh “ . . . . .	1,000 00
	<u>16,000 00</u>
Premium and expenses of investment . . . . .	519 40
	<u>16,582 40</u>
Cash balance, December 31st, 1900 (overdrawn) . . . . .	<u>\$77 10</u>

## FUEL AND FOOD.

## CITY FUEL FUND.

Created 1793-1809.

Consists of the following five funds consolidated :—

The Freemasons' fund . . . . .	1793
Mr. Rickett's donation . . . . .	1793-1796
The Mayor's Court Fund . . . . .	1796-1809
Elizabeth Kearkpatrick's legacy . . . . .	1801
John Bleakley's legacy . . . . .	1802

Income to be distributed in Fuel among the Poor of the Old City of Philadelphia  
(E. Kearkpatrick's being without distinction of person or color.)

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . .	\$4,700 00
Pittsburgh City 4 per cent loan . . . . .	2,000 00
	<u>\$6,700 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$291 00
“ Pittsburgh City loan . . . . .	80 00
“ bank account . . . . .	3 62
	<u>\$374 62</u>
Principal of investments collected :—	
Philadelphia City loan . . . . .	8,000 00
Premium on bonds sold . . . . .	303 88
Cash balance, January 1st, 1900 . . . . .	387 25
	<u>\$9,065 75</u>

## PAYMENTS.

Fuel . . . . .	\$325 85
Miscellaneous expenses . . . . .	17 26
	<u>\$343 11</u>
Investments :—	
Philadelphia City loan . . . . .	\$6,000 00
Pittsburgh City loan . . . . .	2,000 00
	<u>8,000 00</u>
Premium and expenses of investments . . . . .	613 45
	<u>8,956 56</u>
Cash balance, December 31st, 1900 . . . . .	<u>\$109 19</u>



## FUEL AND FOOD.

## ARCHIBALD THOMSON FUND.

Created 1799.

Income to purchase Bread "for the Support of the poor of the City of Philadelphia."

## Invested Capital, December 31st, 1900.

Philadelphia City 3½ per cent. loan . . . . .	\$200 00
" 3 " . . . . .	4,600 00
Pittsburgh City 4 " . . . . .	100 00
Pennsylvania State 4 per cent. loan . . . . .	600 00
Ground rent, northeast corner Second and Spruce Streets . . . . .	141 67
	<u>\$5,641 67</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$269 00
" Pittsburgh City loan . . . . .	4 00
" Pennsylvania State loan . . . . .	24 00
" bank account . . . . .	16 93
Ground rent . . . . .	8 50
	<u>\$322 43</u>
Principal of investments collected :—	
Philadelphia City loan . . . . .	4,500 00
Premium on bonds sold . . . . .	313 33
Cash balance, January 1st, 1900 . . . . .	683 67
	<u>\$5,819 43</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$11 85
Investments :—	
Philadelphia City loan . . . . .	3,900 00
Premiums and expenses of investment . . . . .	121 48
	<u>4,033 33</u>
Cash balance, December 31st, 1900 . . . . .	<u>\$1,786 10</u>

**FUEL AND FOOD.**

**SAMUEL SCOTTEN FUND.**

**Created 1810.**

To "deliver to the poor of the said City (Philadelphia) and of Southwark twelve "dollars worth of bread," annually.

**Invested Capital, December 31st, 1900.**

Philadelphia City 3 per cent. loan . . . . .	<u>\$400 00</u>
--	-----------------

**Cash Receipts and Payments, January 1st to December 31st, 1900.**

**RECEIPTS.**

Interest Philadelphia City loan . . . . .	\$24 00	
"    bank account . . . . .	02	
		<u>\$24 02</u>
Principal of investments collected:—		
Philadelphia City loan . . . . .	400 00	
Premium on bonds sold . . . . .	9 08	
		<u>\$433 10</u>
<i>Cash balance, January 1st, 1900 (overdrawn) . . . . .</i>		<u>4 61</u>
		<u>\$428 49</u>

**PAYMENTS.**

Miscellaneous expenses . . . . .	\$0 84	
Investments:—		
Philadelphia City loan . . . . .	400 00	
Premium and expenses of investment . . . . .	12 46	
		<u>413 30</u>
<i>Cash balance, December 31st, 1900 . . . . .</i>		<u>\$15 19</u>

## FUEL AND FOOD.

## JAMES DUTTON FUND.

Created 1813.

Income to be expended "in the purchase of Food Cloathing and Firewood Fuel," to be distributed "to and amongst the poor of the Township of the Northern Liberties "only."

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . .	\$2,400 00
Pennsylvania State 4 per cent. loan . . . . .	200 00
Ground rents . . . . .	<u>2,500 00</u>
	<u>\$5,100 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$124 00	
"    Pennsylvania State loan . . . . .	8 00	
"    bank account . . . . .	6 84	
Ground rents . . . . .	<u>150 00</u>	
		\$288 84
Principal of investments collected:—		
Philadelphia City loan . . . . .		2,600 00
Cash balance, January 1st, 1900 . . . . .		<u>26 14</u>
		<u>\$2,914 98</u>

## PAYMENTS.

Fuel . . . . .	\$197 60	
Miscellaneous expenses . . . . .	<u>14 15</u>	
		\$211 75
Investments:—		
Philadelphia City loan . . . . .	2,400 00	
Premium and expenses of investment . . . . .	<u>74 76</u>	
		2,686 51
Cash balance, December 31st, 1900 . . . . .		<u>\$228 47</u>

## FUEL AND FOOD.

## ELIAS BOUDINOT FUND.

Created 1821.

Income "for the Supplying the poor inhabitants of the City and liberties of Philadelphia with the Householders (not able to provide it for themselves) at a price during the Winter Season, not in any case exceeding the moderate average price of Wood during the preceding Summer; (and that in Small quantities) with fuel of such kind and Sorts as to the sd Mayor & Corporation may Seem more likely to answer the purposes afd."

## Invested Capital, December 31st, 1900.

Real estate in Centre County, assessed value . . . . .	\$11,721 00
Philadelphia City 3½ per cent. loan . . . . .	5,000 00
"          3          " . . . . .	13,900 00
Pittsburgh City 4          " . . . . .	4,500 00
Bonds and mortgages . . . . .	6,300 00
	<u>\$41,421 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$804 00	
"    Pittsburgh          " . . . . .	160 00	
"    bonds and mortgages . . . . .	287 00	
"    bank account . . . . .	13 47	
Rent, &c., real estate in Centre County . . . . .	3,882 86	
		\$5,147 33
Principal of investments collected:—		
Philadelphia City loan . . . . .	8,450 00	
Premium on bonds sold . . . . .	207 41	
		\$13,804 74
Cash balance, January 1st, 1900 (overdrawn) . . . . .		21 82
		<u>\$13,782 92</u>

## PAYMENTS.

Fuel . . . . .	\$411 60	
Expenses of real estate . . . . .	1,185 14	
Miscellaneous expenses . . . . .	90 13	
		\$1,686 87
Investments:—		
Philadelphia City loan . . . . .	\$10,000 00	
Pittsburgh City loan . . . . .	1,000 00	
		11,000 00
Premium and expenses of investment . . . . .	376 90	
		13,063 77
Cash balance, December 31st, 1900 . . . . .		<u>\$719 15</u>

## FUEL AND FOOD.

## STEPHEN GIRARD FUEL FUND.

Created 1831.

Income "to purchase fuel between the months of March and August in every year forever, and in the month of January in every year forever distribute the same, amongst poor white housekeepers and roomkeepers, of good character, residing in the (old) city of Philadelphia."

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . .	\$800 00
Pennsylvania State 4 per cent. loan . . . . .	200 00
Reading Company, and the Philadelphia and Reading Coal and Iron Company general mortgage bonds . . . . .	9,000 00
	<u>\$10,000 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$30 00	
" Pennsylvania State loan . . . . .	8 00	
" Reading Company, and Philadelphia and Reading Coal and Iron Company Railroad general mortgage bonds . . . . .	360 00	
" bank account . . . . .	4 41	
		\$402 41
Principal of investments collected:—		
Philadelphia City loan . . . . .	200 00	
Cash balance, January 1st, 1900 . . . . .	210 78	
		<u>\$813 19</u>

## PAYMENTS

Fuel . . . . .	\$392 00	
Miscellaneous expenses . . . . .	24 44	
		<u>416 44</u>
Cash balance, December 31st, 1900 . . . . .	\$396 75	

## FUEL AND FOOD.

## ESTHER WATERS FUND.

Created 1833.

Income to be used to "give distribute and deliver such Firewood or other Fuel to and  
"amongst such of the poor of the City of Philadelphia as shall be found upon careful  
"enquiry to be most deserving of such aid."

## Invested Capital, December 31st, 1900.

Lehigh Coal and Navigation Company loan . . . . . \$10,463 69

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Lehigh Coal and Navigation Company loan, \$470 88	
" bank account . . . . .	5 63
	<u>\$476 51</u>
Cash balance, January 1st, 1900 . . . . .	481 04
	<u>\$957 55</u>

## PAYMENTS.

Fuel . . . . .	\$374 85
Miscellaneous expenses . . . . .	26 17
	<u>401 02</u>
Cash balance, December 31st, 1900 . . . . .	<u>\$556 53</u>

## PAUL BECK FUEL FUND.

Created 1844.

Income "to purchase fuel for the use and benefit of the Out-door poor, residing within  
"the Corporate Limits of said City" (old City of Philadelphia).

## Invested Capital, December 31st, 1900.

Ground rent, 218 Market Street . . . . . \$8,333 33

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Ground rent . . . . .	\$500 00
Interest bank account . . . . .	6 28
	<u>\$506 28</u>
Cash balance, January 1st, 1900 . . . . .	670 73
	<u>\$1,177 01</u>

## PAYMENTS.

Fuel . . . . .	\$561 05
Miscellaneous expenses . . . . .	21 70
	<u>582 75</u>
Cash balance, December 31st, 1900 . . . . .	<u>\$594 26</u>

## FUEL AND FOOD. .

## PAUL BECK SOUP FUND.

Created 1844.

Income to be paid "to the Soup Societies established in the (old) City of Philadelphia, to aid such Societies in their humane Endeavors to supply the poor with Soup."

## Invested Capital, December 31st, 1900.

Ground rent, 220 Market Street . . . . .	\$8,333 33
--	------------

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Ground rent . . . . .	\$500 00	
Interest bank account . . . . .	3 41	
		\$503 41
Cash balance, January 1st, 1900 . . . . .		215 00
		<u>\$718 41</u>

## PAYMENTS.

Western Soup Society . . . . .	\$465 00	
Miscellaneous expenses . . . . .	17 51	
		482 51
Cash balance, December 31st, 1900 . . . . .		<u>\$235 90</u>

## FUEL AND FOOD.

## SPRING GARDEN FUEL FUND.

Created 1847.

Income to be "applied to the purchase of food and fuel, and no other purpose, and  
 " \* \* \* distributed during the winter months of each and every year, among such of  
 " the poor of said district (Spring Garden) as reside in said district, east of Broad Street."

## Invested Capital, December 31st, 1900.

Philadelphia City 3½ per cent. loan . . . . .	\$300 00
" 3 " . . . . .	2,800 00
Pennsylvania State 4 per cent. loan . . . . .	100 00
	<u>\$3,200 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$162 50	
" Pennsylvania State loan . . . . .	4 00	
" bank account . . . . .	2 12	
	<u></u>	\$168 62
Principal of investments collected:—		
Philadelphia City loan . . . . .	2,300 00	
Premium on bonds sold . . . . .	121 14	
Cash balance, January 1st, 1900 . . . . .	61 86	
	<u></u>	\$2,651 62

## PAYMENTS.

Fuel . . . . .	\$148 61	
Miscellaneous expenses . . . . .	10 16	
	<u></u>	\$158 77
Investments:—		
Philadelphia City loan . . . . .	2,200 00	
Premium and expenses of investment . . . . .	68 53	
	<u></u>	2,427 30
Cash balance, December 31st, 1900 . . . . .	\$224 32	



**FUEL AND FOOD.**  
**THOMAS D. GROVER FUND.**  
 Created 1849.

Income to be distributed—to the Southwark Library Co., \$300 per annum; in bread and soup, among the poor persons residing in the district of Southwark, \$300 per annum, and the balance of the income, in fuel "among white widows of respectable character, who are housekeepers or roomkeepers, born within the limits of the United States of America, whose husbands shall have died within the present defined boundaries of the district of Southwark."

**Invested Capital, December 31st, 1900.**

Philadelphia City 4 per cent. loan . . . . .	\$900 00
" 3½ " . . . . .	29,900 00
" 3 " . . . . .	21,200 00
Harrisburg City 6 " . . . . .	10,000 00
Allegheny City 4 " . . . . .	10,000 00
Pittsburgh City 7 " . . . . .	5,000 00
" 4 " . . . . .	300 00
Bonds and mortgages . . . . .	12,200 00
Ground rent . . . . .	75,000 00
Spring Garden Insurance Company stock (32 shares) . . . . .	1,600 00
Real estate, assessed value . . . . .	5,500 00
	<u>\$171,600 00</u>

**Cash Receipts and Payments, January 1st to December 31st, 1900.**

**RECEIPTS.**

Interest Philadelphia City loan . . . . .	\$2,327 75	
" Harrisburg " . . . . .	600 00	
" Allegheny " . . . . .	400 00	
" Pittsburgh " . . . . .	362 00	
" bonds and mortgages . . . . .	538 00	
" bank account . . . . .	79 56	
Dividend Spring Garden Insurance Co. stock . . . . .	128 00	
Ground rents . . . . .	3,000 00	
Rent of real estate . . . . .	280 08	
Principal of investments collected :—		\$7,715 39
Philadelphia City loan . . . . .		30,300 00
Premium on bonds sold . . . . .		1,746 92
<i>Cash balance, January 1st, 1900</i> . . . . .		<u>7,315 72</u>

**PAYMENTS.**

Southwark Library Company . . . . .	\$300 00	
Southwark Soup Society . . . . .	300 00	
Fuel . . . . .	5,266 14	
Expenses of real estate . . . . .	165 65	
Miscellaneous expenses . . . . .	461 49	
Investments :—		\$6,493 28
Philadelphia City loan . . . . .		30,300 00
Premium and expenses of investment . . . . .		<u>1,190 18</u>
		37,983 46
<i>Cash balance, December 31st, 1900</i> . . . . .		<u>\$9,094 57</u>

## FUEL AND FOOD.

## ANDREW R. CHAMBERS FUND.

Created 1871.

Income to be paid "to the various 'Soup Societies' of the City of Philadelphia every year so long as the said Societies shall continue their charities to the poor."

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . . \$1,900 00

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$114 00	
" bank account . . . . .	1 77	
		\$115 77
Principal of investments collected:—		
Philadelphia City loan . . . . .		1,900 00
Premium on bonds sold . . . . .		100 89
Cash balance, January 1st, 1900 . . . . .		114 27

## PAYMENTS.

Miscellaneous expenses . . . . .	\$3 99	
Investments:—		
Philadelphia City loan . . . . .	1,900 00	
Premium and expenses of investment . . . . .	59 18	
		1,963 17
Cash balance, December 31st, 1900 . . . . .		\$267 76

## FREDERIC A. SHEAFF FUEL FUND.

Created 1874.

Income "to purchase fuel between the months of March and September in every year forever and in the month of February in every year forever to distribute the same among poor housekeepers and roomkeepers of good character residing in the city of Philadelphia."

## Invested Capital, December 31st, 1900.

Real estate, assessed value . . . . . \$3,800 00

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Rent of real estate . . . . .	\$312 00	
Cash balance, January 1st, 1900 (overdrawn) . . . . .	785 93	
		—\$473 93

## PAYMENTS.

Expenses of real estate . . . . .	\$174 93	
Miscellaneous expenses . . . . .	7 29	
		182 22
Cash balance, December 31st, 1900 (overdrawn) . . . . .		\$656 15

## FUEL AND FOOD.

## MARY SHIELDS FUEL FUND.

Created 1880.

"To apply the interest thereof to the purchase of Coal, and to distribute the same  
"in the fall and winter months to indigent widows—single women, and men, without  
"respect to color."

## Invested Capital, December 31st, 1900.

Philadelphia City 3½ per cent. loan . . . . .	\$3,500 00
" 3 " . . . . .	4,900 00
Pittsburgh City 4 per cent. loan . . . . .	1,400 00
Pennsylvania State 4 per cent. loan . . . . .	200 00
	<hr/>
	\$10,000 00

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$324 00	
" Pittsburgh City loan . . . . .	56 00	
" Pennsylvania State loan . . . . .	8 00	
" bank account . . . . .	3 47	
	<hr/>	\$391 47
Principal of investments collected :—		
Philadelphia City loan . . . . .		3,000 00
Premium on bonds sold . . . . .		82 73
Cash balance, January 1st, 1900 . . . . .		44 43
		<hr/>
		\$3,518 63

## PAYMENTS.

Fuel . . . . .	\$306 16	
Miscellaneous expenses . . . . .	24 45	
	<hr/>	\$330 61
Investments :—		
Philadelphia City loan . . . . .	\$1,800 00	
Pittsburgh City loan . . . . .	1,000 00	
	<hr/>	2,800 00
Premium and expenses of investment . . . . .	238 88	
	<hr/>	3,369 49
Cash balance, December 31st, 1900 . . . . .		<hr/>
		\$149 14

## FUEL AND FOOD. SEYBERT FUND.

Created 1883.

Income "for the distribution of Fuel and Bread amongst the deserving Poor, during  
"the Winter season."

### Invested Capital, December 31st, 1900.

Bond and mortgage . . . . . \$10,000 00

### Cash Receipts and Payments, January 1st to December 31st, 1900.

#### RECEIPTS.

Interest bond and mortgage . . . . . \$400 00  
" bank account . . . . . 3 94

\$403 94

*Cash balance, January 1st, 1900* . . . . . 387 19

#### PAYMENTS.

Fuel . . . . . \$364 71  
Miscellaneous expenses . . . . . 24 70

\$791 13

389 41

*Cash balance, December 31st, 1900* . . . . . \$401 72

## MISCELLANEOUS.

## JAMES CLAYPOOLE FUND.

Created 1769.

"For the Benefit and relief of the Poor of the said City of Philadelphia."

### Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . . \$50 00

" 3½ " . . . . . 50 00

" 3 " . . . . . 800 00

Deposit Philadelphia Saving Fund . . . . . 50 00

\$950 00

### Cash Receipts and Payments, January 1st to December 31st, 1900.

#### RECEIPTS.

Interest Philadelphia City loan . . . . . \$42 74  
" bank account . . . . . 71

\$43 45

Principal of investments collected:—

Philadelphia City loan . . . . . 600 00

Premium on bonds sold . . . . . 57 96

*Cash balance, January 1st, 1900* . . . . . 41 88

\$743 29

#### PAYMENTS.

Miscellaneous expenses . . . . . \$1 79

Investments:—

Philadelphia City loan . . . . . 700 00

Premium and expenses of investment . . . . . 19 64

721 43

*Cash balance, December 31st, 1900* . . . . . \$21 86

## MISCELLANEOUS.

## GEORGE EMLEN FUND.

Created 1776.

Income "to be laid out and distributed \* \* \* during the four Winter Months  
 " \* \* \* to Objects included either in the City or two Suburbs of Philada. \* \* \*  
 "and if \* \* \* a sufficient Number of such Objects Cannot Some Times be found  
 " \* \* \* to Buying some warm cheap Clothing to be given to such Objects as are  
 "Discharged from said Betering House and Hospital."

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . .	\$2,800 00
Philadelphia and Reading Railroad Company general mortgage bonds . . . . .	5,000 00
Deposit Philadelphia Saving Fund . . . . .	11 18
	<hr/>
	\$7,811 18

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$145 00	
" Reading Company and Philadelphia and Reading Coal and Iron Company bonds . . . . .	200 00	
" bank account . . . . .	7 46	
	<hr/>	\$352 46
Principal of investments collected:—		
Philadelphia City loan . . . . .	2,800 00	
Premium on bonds sold . . . . .	48 50	
Cash balance, January 1st, 1900 . . . . .	312 34	
	<hr/>	\$3,513 30

## PAYMENTS.

Fuel . . . . .	\$293 08	
Miscellaneous expenses . . . . .	20 11	
	<hr/>	\$313 19
Investments:—		
Philadelphia City loan . . . . .	2,800 00	
Premium and expenses of investment . . . . .	87 22	
	<hr/>	3,200 41
Cash balance, December 31st, 1900 . . . . .	\$312 89	

## MISCELLANEOUS.

## B. W. AND J. W. MORRIS FUND.

Created 1806.

"To the only proper use and Behoof of the Guardians of the poor of the City of Philadelphia the district of Southwark and the Township of the Northern Liberties."

## Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . .	\$50 00
" 3½ " . . . . .	50 00
" 3 " . . . . .	1,000 00
	<u>\$1,100 00</u>

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$57 76	
" bank account . . . . .	68	
	<u>          </u>	\$58 44
Principal of investments collected:—		
Philadelphia City loan . . . . .	800 00	
Premium on bonds sold . . . . .	30 40	
Cash balance, January 1st, 1900 . . . . .	57 19	
		<u>\$946 03</u>

## PAYMENTS.

Miscellaneous expenses . . . . .	\$2 10	
Investments:—		
Philadelphia City loan . . . . .	900 00	
Premium and expenses of investment . . . . .	28 03	
	<u>          </u>	930 13
Cash balance, December 31st, 1900 . . . . .		<u>\$15 90</u>

## MISCELLANEOUS.

## BERNARD McMAHON FUND.

Created 1816.

"For the use of the poor of Penn Township."

## Invested Capital, December 31st, 1900.

Philadelphia City 4 per cent. loan . . . . .	\$50 00
" 3½ " . . . . .	150 00
" 3 " . . . . .	500 00
	<hr/>
	\$700 00

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$34 24	
" bank account . . . . .	54	
	<hr/>	\$34 78
Principal of investments collected:—		
Philadelphia City loan . . . . .	400 00	
Premium on bonds sold . . . . .	30 10	
Cash balance, January 1st, 1900 . . . . .	45 94	
	<hr/>	\$510 82

## PAYMENTS.

Miscellaneous expenses . . . . .	\$1 26	
Investments:—		
Philadelphia City loan . . . . .	500 00	
Premium and expenses of investment . . . . .	15 57	
	<hr/>	516 83
Cash balance, December 31st, 1900 (overdrawn) . . . . .		\$6 01

## MISCELLANEOUS.

## JACOB J. SNYDER FUND.

Created 1874.

Income to be "expended yearly by the Directors of City Trust as they may deem  
"best in aid of the poor people in this City" (Philadelphia).

## Invested Capital, December 31st, 1900.

Philadelphia City 3 per cent. loan . . . . .	\$11,000 00
--	-------------

## Cash Receipts and Payments, January 1st to December 31st, 1900.

## RECEIPTS.

Interest Philadelphia City loan . . . . .	\$570 00	
"    bank account . . . . .	9 26	
		\$579 26
Principal of investments collected :—		
Philadelphia City loan . . . . .		9,500 00
Premium on bonds sold . . . . .		1,544 30
Cash balance, January 1st, 1900 . . . . .		447 12
		<u>\$12,070 68</u>

## PAYMENTS.

Fuel . . . . .	\$423 99	
Miscellaneous expenses . . . . .	25 41	
		\$449 40
Investments :—		
Philadelphia City loan . . . . .	11,000 00	
Premium and expenses of investment . . . . .	310 18	
		<u>11,759 58</u>
Cash balance, December 31st, 1900 . . . . .		<u>\$311 10</u>

Respectfully submitted,

GEO. E. KIRKPATRICK,  
*Superintendent Minor City Trusts.*

PHILADELPHIA, December 31st, 1900.

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## **. APPENDIX G.**

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# **WILLS HOSPITAL,**

Race Street, between Eighteenth and Nineteenth Streets.

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### **CONSULTING SURGEONS.**

THOMAS G. MORTON, M. D.

GEORGE STRAWBRIDGE, M. D.

ANDREW DOUGLASS HALL, M. D.

### **ATTENDING SURGEONS.**

CONRAD BERENS, M. D.

FRANK FISHER, M. D.

GEORGE C. HARLAN, M. D.

W. W. McCLURE, M. D.

W. F. NORRIS, M. D.

CHARLES A. OLIVER, M. D.

McCLUNEY RADCLIFFE, M. D.

SAMUEL D. RISLEY, M. D.

P. N. K. SCHWENK, M. D.

WILLIAM THOMSON, M. D.

### **ASSISTANT SURGEONS.**

WALTER L. PYLE, M. D.

WILLIAM H. L. HALE, M. D.

JOHN WILLIAM PANCOAST, M. D.

JOHN T. KRALL, M. D.

W. ZENTMAYER, M. D.

WILLIAM C. POSEY, M. D.

WILLIAM L. ZUILL, M. D.

WILLIAM J. HAIN, M. D.

BURTON K. CHANCE, M. D.

ARCHIBALD G. THOMSON, M. D.

### **RESIDENT SURGEONS,**

CLARENCE VAN EPPS, M. D.

FRANK C. PARKER, M. D.

### **SUPERINTENDENT,**

RICHARD H. LYTLE.

### **MATRON,**

MARGARET C. LYTLE.

### **ASSISTANT MATRON,**

ANNA A. TALBOTT.

**CLINIC HOURS.**—From 2 to 3 P.M. daily (Sundays excepted) at which time the Surgeons are in attendance for the examination and treatment of the patients presenting themselves.

The Clinics are open to all regular Practitioners and Students of Medicine who desire to study the diseases of the eye.

## WILLS HOSPITAL.

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### REPORT OF THE SURGICAL STAFF FOR THE YEAR 1900.

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*To the Board of Directors of City Trusts :*

The following report of the work of the Surgical Staff of the Wills Hospital for the year 1900 is respectfully submitted.

The number of persons applying for aid was 13,244, of which 240 were not considered cases for charitable treatment and 95 either refused examination or left without treatment after being registered for that purpose.

There were 735 patients admitted to the Hospital and treated in its wards—an increase of 89 over 1899.

The total number of visits made by patients was 46,800.

The number of operations performed was 4088, the more important of which were 279 operations for cataract, 62 iridectomies and 135 enucleations of the eyeball.

We respectfully urge the necessity of an early completion of the Contagious Ward and of a properly constructed and located operating room, with complete, modern sanitary equipment.

Additional nurses would greatly improve the ward service, and better accommodations for the nurses would add to their comfort and usefulness.

Inability to utilize the present wards to their full capacity compels many to remain in the clinical service for treatment who could be benefited by admission to the Hospital.

FRANK FISHER,  
P. N. K. SCHWENK,  
CHAS. A. OLIVER,

*Committee.*

JANUARY 7TH, 1901.

## WILLS HOSPITAL.

### REPORT OF THE SUPERINTENDENT FOR THE YEAR 1900.

#### HOUSE PATIENTS.

	Males.	Females.	Total.
Number in the House, January 1, 1900 . . . . .	27	14	41
Admitted in 1900 . . . . .	541	194	735
	568	208	776
Discharged in 1900 . . . . .	537	195	732
Number in the House, December 31, 1900 . . . . .	31	13	44

<i>While in the House there were</i>	<i>Residence of those admitted.</i>
Cured . . . . . 473	Philadelphia . . . . . 271
Improved . . . . . 223	Other parts of Pennsylvania . . . . . 341
Unimproved . . . . . 28	Elsewhere . . . . . 123
Not treated . . . . . 8	
Total . . . . . 732	Total . . . . . 735

#### DISPENSARY PATIENTS.

The total number of patients admitted for treatment at the clinics was 13,004, of which 2301 were cases of foreign body in the eye, which were treated by the Resident Surgeons.

#### *Residence of those Treated at the Clinics.*

Philadelphia . . . . .	10,457
Other parts of Pennsylvania . . . . .	1,434
Elsewhere . . . . .	1,113
Total . . . . .	13,004

The patients admitted to the wards and treated at the clinics together were 13,739. The nativity of these was:

Armenia . . . . . 2	Forward . . . . . 756	Forward . . . . . 3,346
Asia . . . . . 1	Finland . . . . . 2	Poland . . . . . 46
Australia . . . . . 2	France . . . . . 34	Roumania . . . . . 9
Austria . . . . . 123	Germany . . . . . 870	Russia . . . . . 476
Belgium . . . . . 6	Greece . . . . . 2	Scotland . . . . . 101
Bermuda . . . . . 1	Holland . . . . . 8	South America, . . . . . 1
British Guiana, . . . . . 5	Hungary . . . . . 51	Spain . . . . . 2
Canada . . . . . 58	Ireland . . . . . 1,416	Sweden . . . . . 60
China . . . . . 20	Italy . . . . . 186	Switzerland . . . . . 29
Cuba . . . . . 6	Madeira . . . . . 2	Turkey . . . . . 2
Denmark . . . . . 22	Mexico . . . . . 4	United States . . . . . 9,615
England . . . . . 510	Norway . . . . . 15	Wales . . . . . 38
		West Indies . . . . . 14
Forward . . . . . 756	Forward . . . . . 3,346	Total . . . . . 13,739

The place of residence of the patients treated at the Hospital during 1900 was :

PENNSYLVANIA :		House Patients.	Clinic Patients.	Total.
Adams	County . . . . .	0	3	3
Allegheny	" . . . . .	2	8	10
Beaver	" . . . . .	0		1
Bedford	" . . . . .	2	5	7
Berks	" . . . . .	5	23	28
Blair	" . . . . .	18	50	68
Bradford	" . . . . .	7	14	21
Bucks	" . . . . .	14	100	114
Cambria	" . . . . .	3	5	8
Cameron	" . . . . .	3	1	4
Carbon	" . . . . .	17	25	42
Centre	" . . . . .	5	8	13
Chester	" . . . . .	27	140	167
Clearfield	" . . . . .	11	25	36
Clinton	" . . . . .	6	10	16
Columbia	" . . . . .	1	5	6
Cumberland	" . . . . .	0	1	1
Dauphin	" . . . . .	9	37	46
Delaware	" . . . . .	20	312	332
Elk	" . . . . .	2	2	4
Erie	" . . . . .	0	1	1
Fayette	" . . . . .	0	1	1
Forest	" . . . . .	0	1	1
Franklin	" . . . . .	2	2	4
Huntingdon	" . . . . .	3	6	9
Jefferson	" . . . . .	2	1	3
Juniata	" . . . . .	1	4	5
Lackawanna	" . . . . .	26	41	67
Lancaster	" . . . . .	6	24	30
Lebanon	" . . . . .	3	5	8
Lehigh	" . . . . .	10	31	41
Luzerne	" . . . . .	37	56	93
Lycoming	" . . . . .	2	10	12
McKean	" . . . . .	0	2	2
Mercer	" . . . . .	1	0	1
Mifflin	" . . . . .	4	3	7
Monroe	" . . . . .	1	6	7
Montgomery	" . . . . .	14	304	318
Montour	" . . . . .	1	3	4
Northampton	" . . . . .	22	42	64
Northumberland	" . . . . .	10	15	25
Forward . . . . .		297	1,333	1,630

		House Patients.	Clinic Patients.	Total.
Forward . . . . .		297	1,333	1,630
Perry	County . . . . .	2	5	7
Philadelphia	" . . . . .	271	10,457	10,728
Potter	" . . . . .	0	2	2
Schuylkill	" . . . . .	34	71	105
Snyder	" . . . . .	0	1	1
Sullivan	" . . . . .	1	0	1
Susquehanna	" . . . . .	0	3	3
Tioga	" . . . . .	1	1	2
Union	" . . . . .	1	4	5
Wayne	" . . . . .	1	2	3
Westmoreland	" . . . . .	2	3	5
Wyoming	" . . . . .	1	3	4
York	" . . . . .	1	6	7
Total from Pennsylvania . . . . .		612	11,891	12,503
NEW JERSEY . . . . .		92	900	992
DELAWARE . . . . .		19	136	155
MARYLAND . . . . .		1	33	34
VIRGINIA . . . . .		5	16	21
NEW YORK . . . . .		1	8	9
OHIO . . . . .		2	4	6
MONTANA . . . . .		1	2	3
KENTUCKY . . . . .		0	1	1
TENNESSEE . . . . .		0	1	1
COLORADO . . . . .		0	1	1
KANSAS . . . . .		0	1	1
CONNECTICUT . . . . .		0	4	4
NORTH CAROLINA . . . . .		0	2	2
ILLINOIS . . . . .		0	1	1
WEST VIRGINIA . . . . .		2	2	4
OKLAHOMA TERRITORY . . . . .		0	1	1
		735	13,004	13,739

Respectfully submitted.

RICHARD H. LYTTLE,  
*Superintendent.*

PHILADELPHIA, December 31st, 1900.

## AUDITORS' CERTIFICATE.

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We hereby certify that we have audited the accounts of the GIRARD ESTATE and of the MINOR TRUSTS, of the City of Philadelphia, for the year ended December 31st, 1900, and found the same to be correct, and correctly summarized in the foregoing reports of the Superintendent, pages 51-62 and 197-231.

JOHN HEINS & CO.,  
*Public Accountants and Auditors.*

508 WALNUT STREET, PHILADELPHIA.

















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